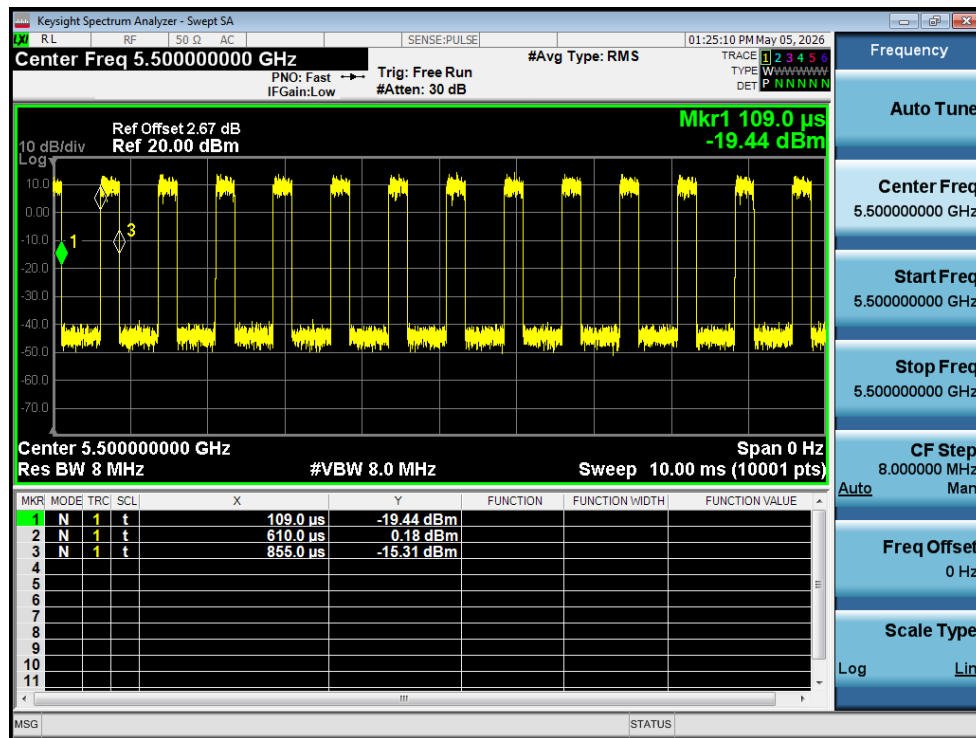


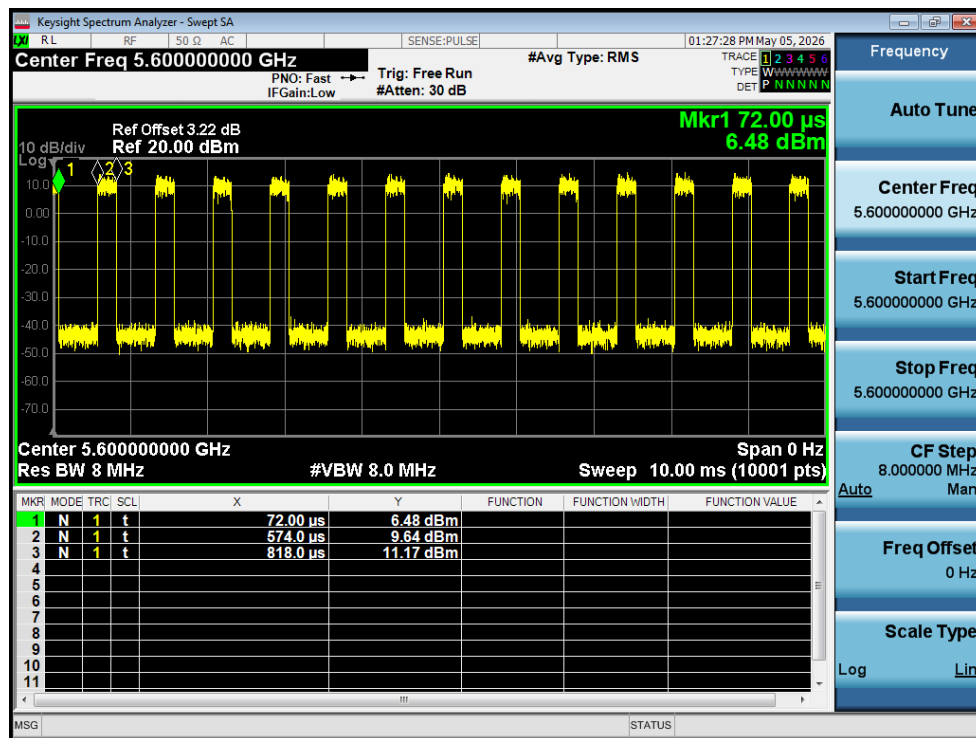
Test Data Appendix of Test Report

1. Duty Cycle

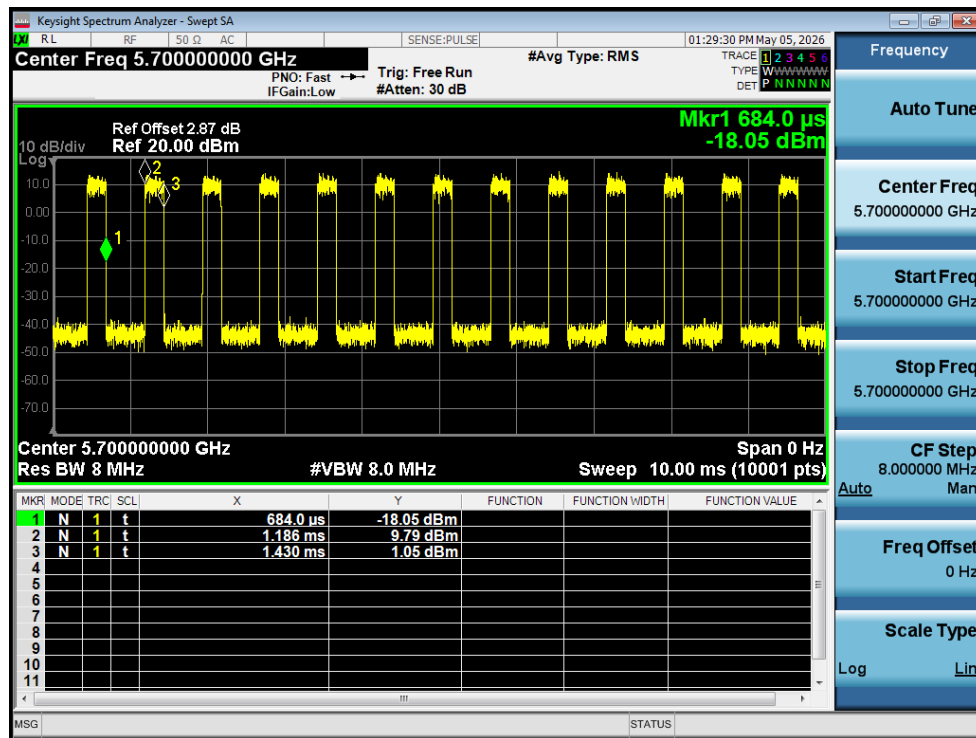
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	32.84	4.84	4.08
NVNT	a	5600	Ant1	32.71	4.85	4.1
NVNT	a	5700	Ant1	32.71	4.85	4.1
NVNT	n20	5500	Ant1	30.85	5.11	4.46
NVNT	n20	5600	Ant1	30.85	5.11	4.46
NVNT	n20	5700	Ant1	30.95	5.09	4.44
NVNT	n40	5510	Ant1	20.32	6.92	7.81
NVNT	n40	5590	Ant1	20.32	6.92	7.81
NVNT	n40	5670	Ant1	20.32	6.92	7.81



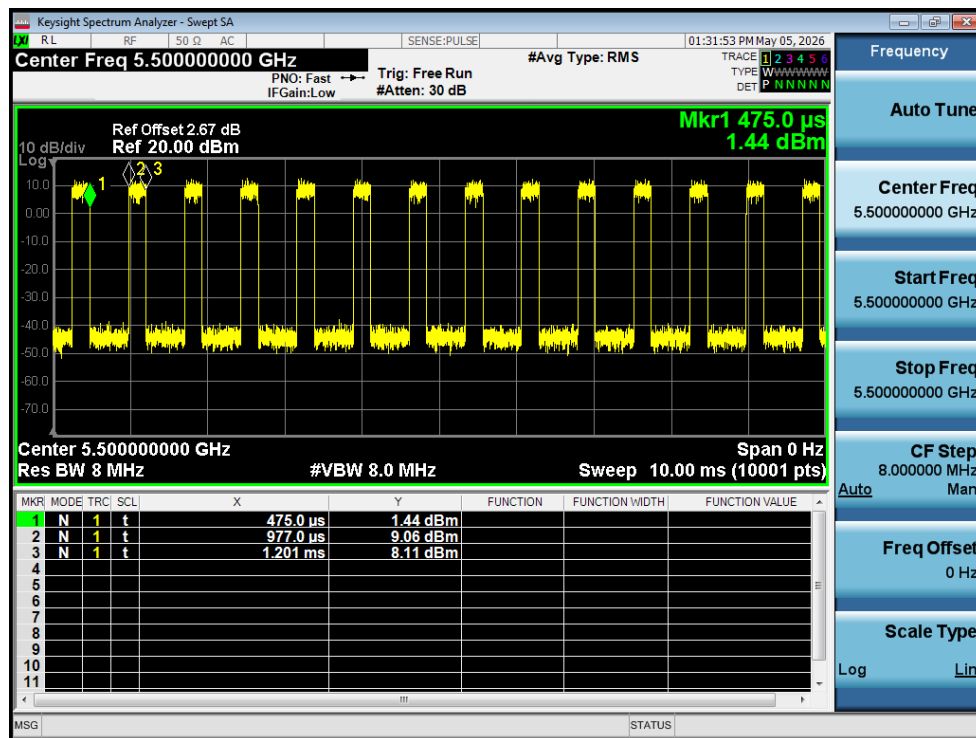
Duty Cycle NVNT a 5500MHz Ant1



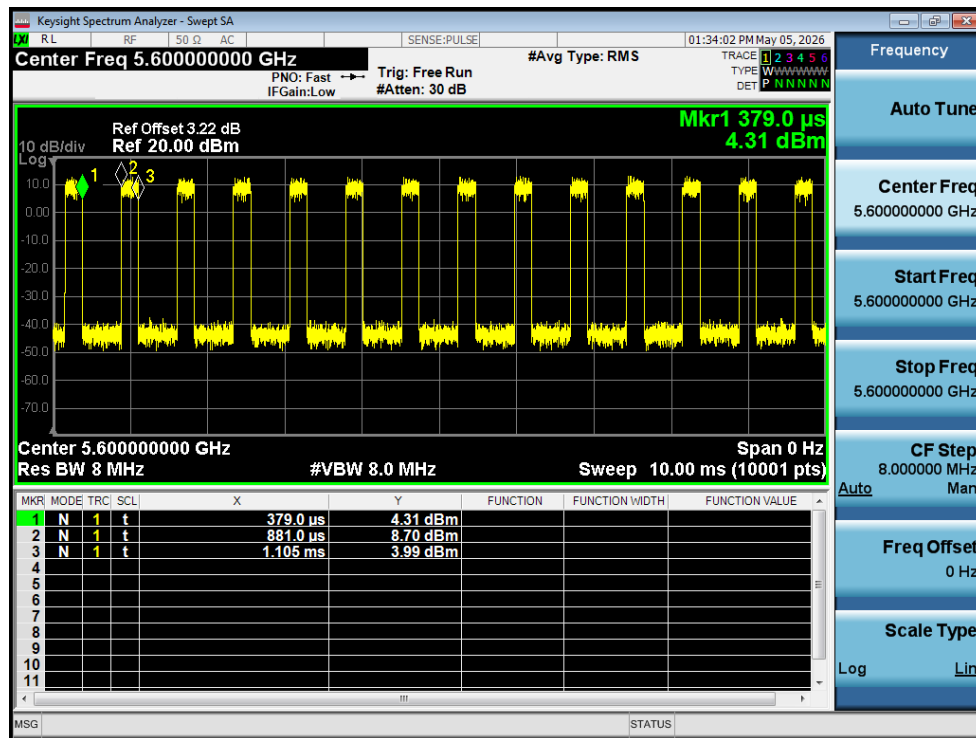
Duty Cycle NVNT a 5600MHz Ant1



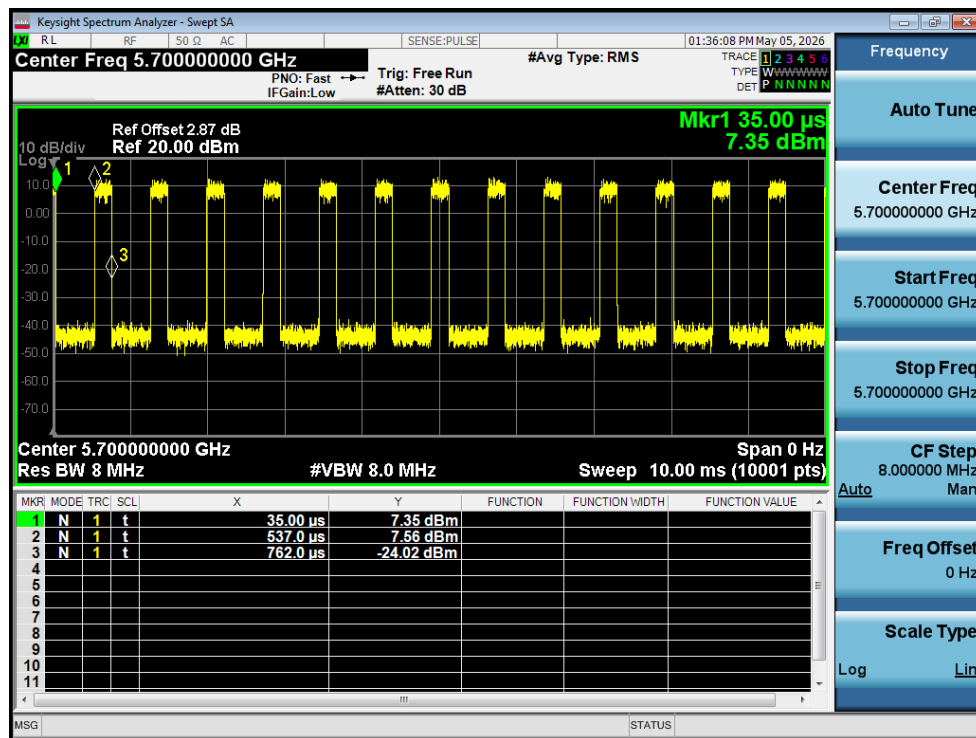
Duty Cycle NVNT a 5700MHz Ant1



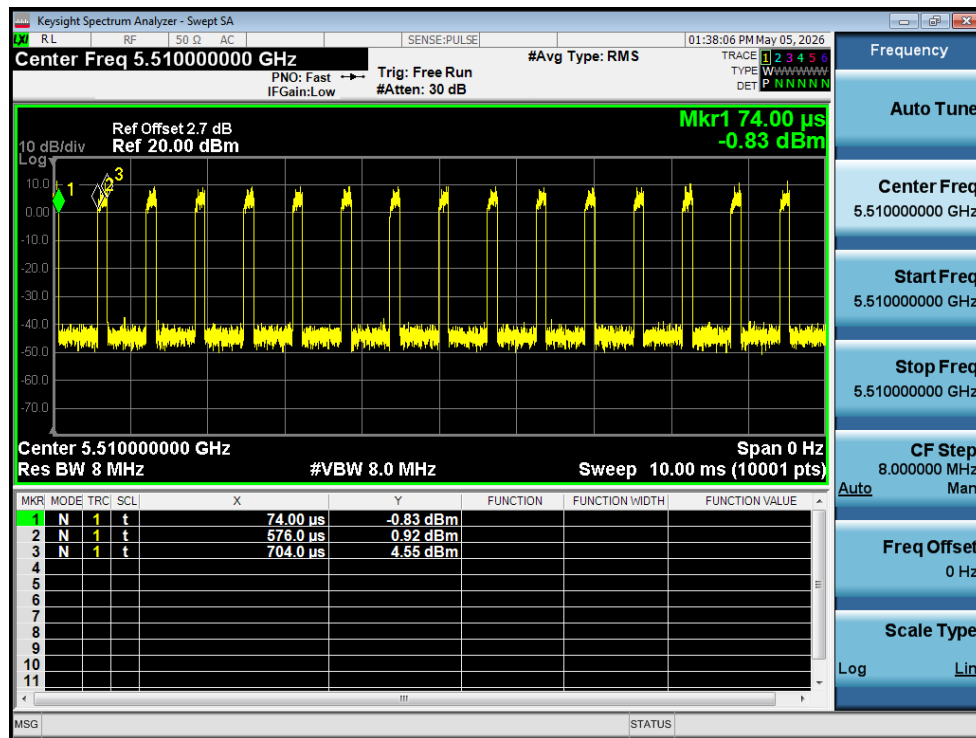
Duty Cycle NVNT n20 5500MHz Ant1



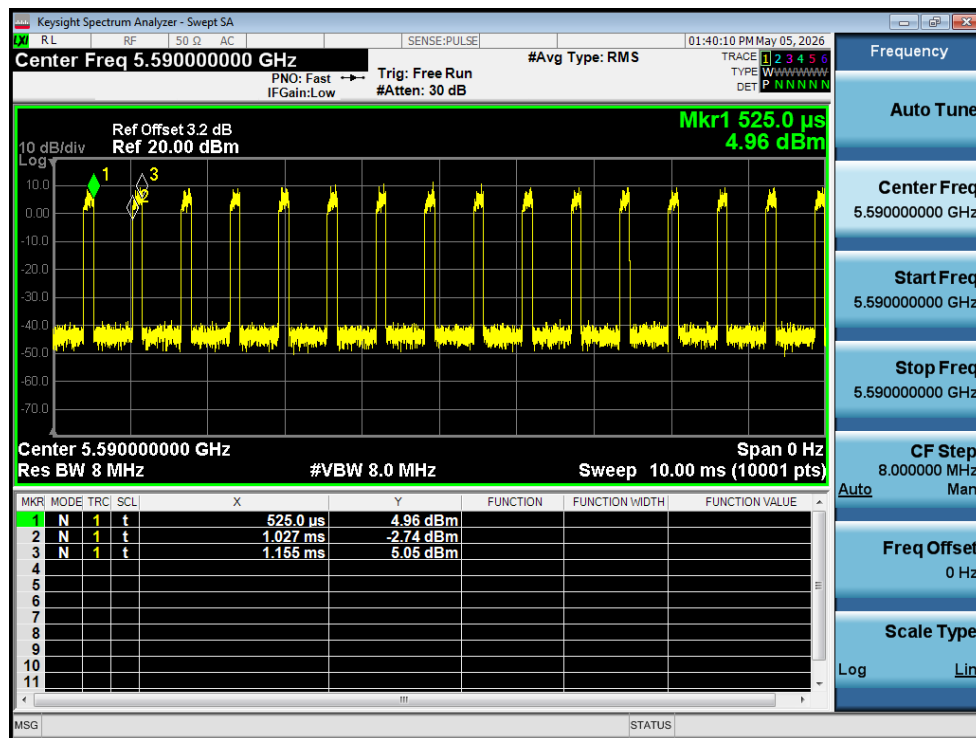
Duty Cycle NVNT n20 5600MHz Ant1



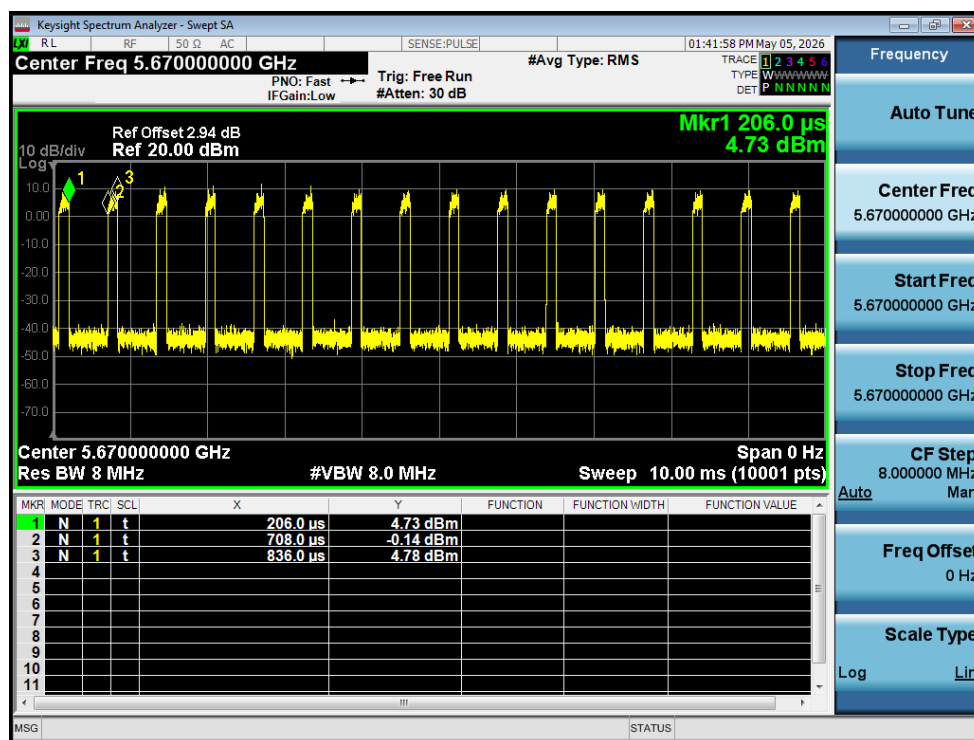
Duty Cycle NVNT n20 5700MHz Ant1



Duty Cycle NVNT n40 5510MHz Ant1



Duty Cycle NVNT n40 5590MHz Ant1



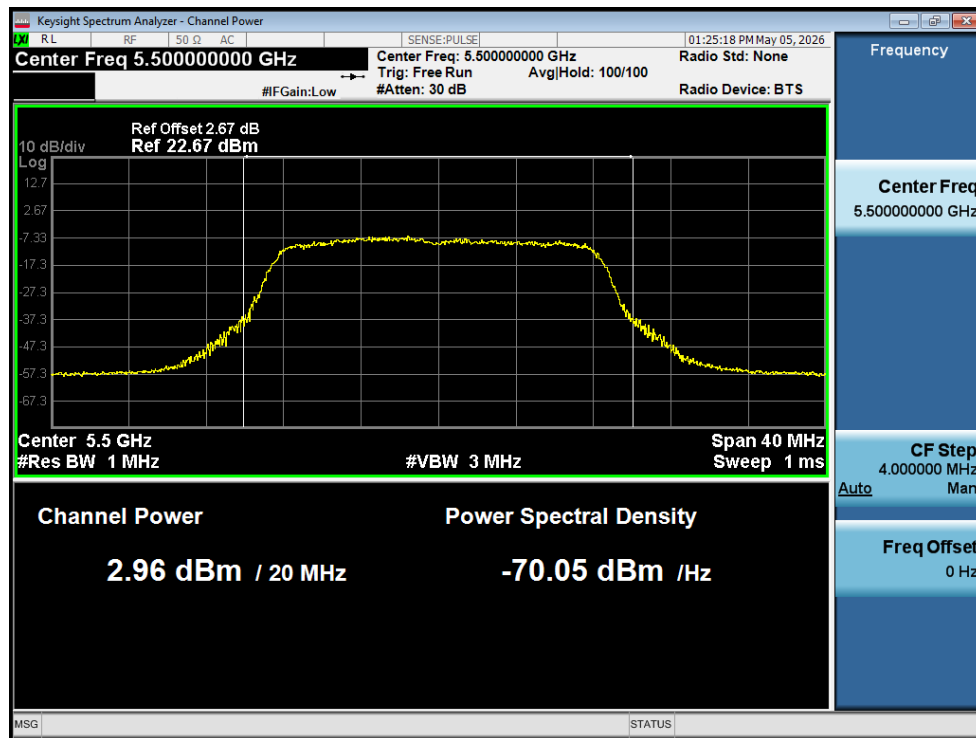
Duty Cycle NVNT n40 5670MHz Ant1

2. Maximum Conducted Output Power

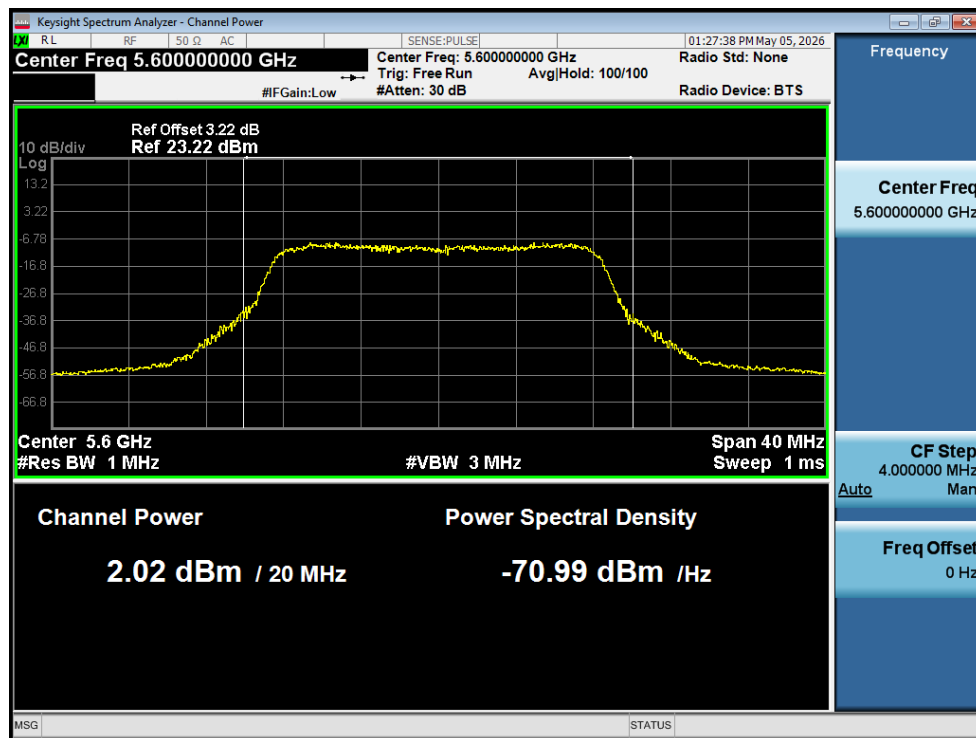
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	2.96	4.84	7.8	24	Pass
NVNT	a	5600	Ant1	2.02	4.85	6.87	24	Pass
NVNT	a	5700	Ant1	3.07	4.85	7.92	24	Pass
NVNT	n20	5500	Ant1	1.56	5.11	6.67	24	Pass
NVNT	n20	5600	Ant1	1.95	5.11	7.06	24	Pass
NVNT	n20	5700	Ant1	2.05	5.09	7.14	24	Pass
NVNT	n40	5510	Ant1	-0.44	6.92	6.48	24	Pass
NVNT	n40	5590	Ant1	-0.63	6.92	6.29	24	Pass
NVNT	n40	5670	Ant1	-0.29	6.92	6.63	24	Pass

Note1: Total power=Conducted power + Duty factor

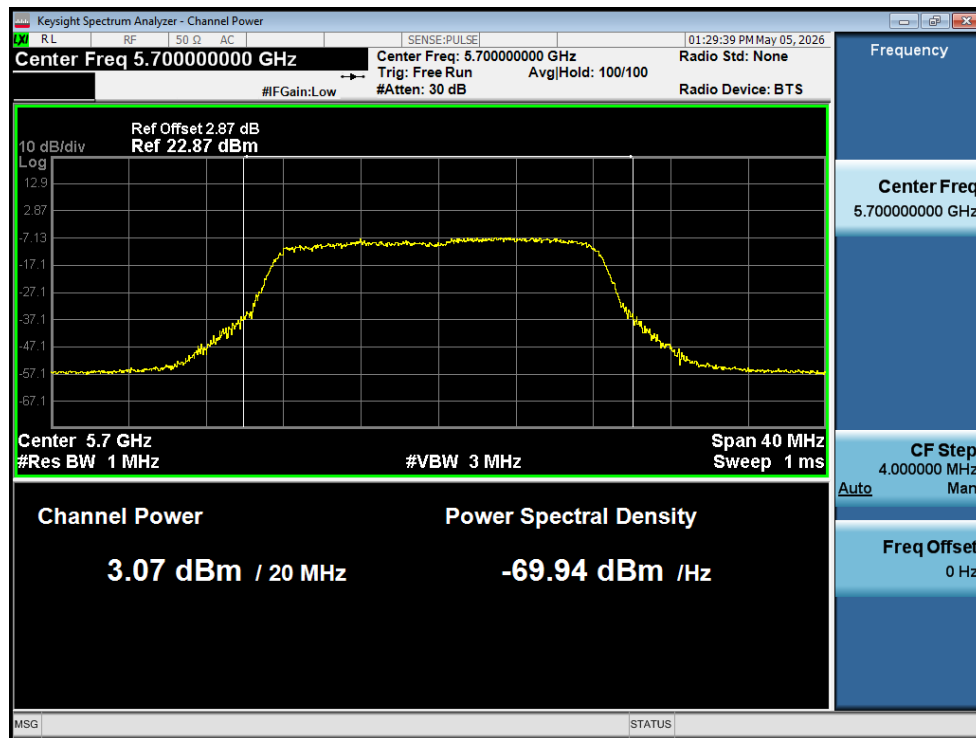
Note 2: Antenna Gain: 3.91dBi



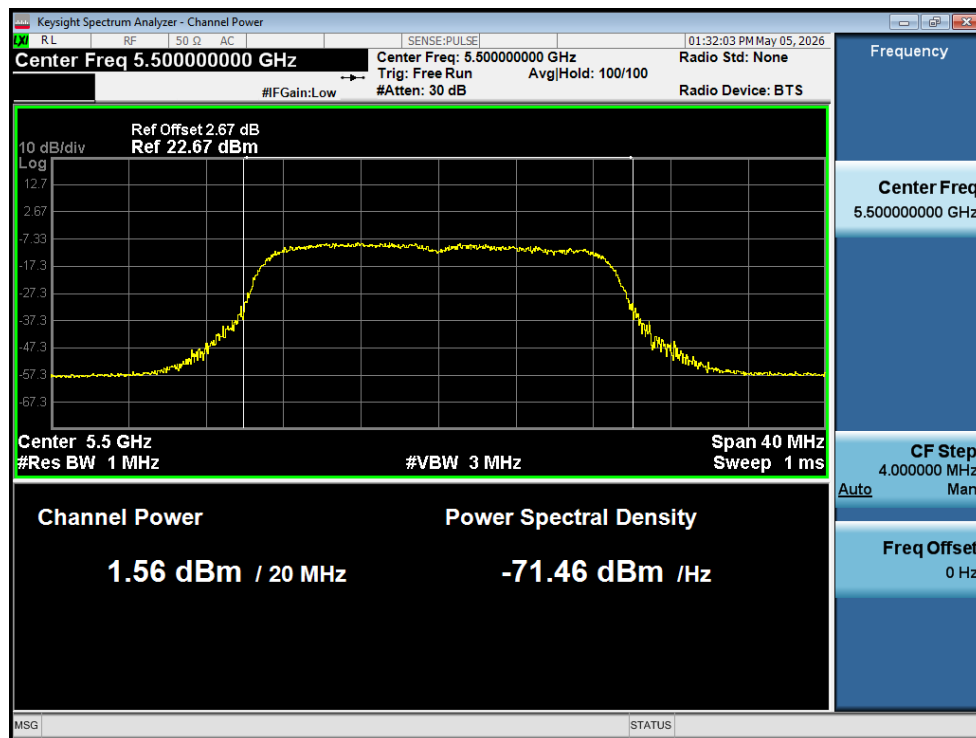
Power NVNT a 5500MHz Ant1



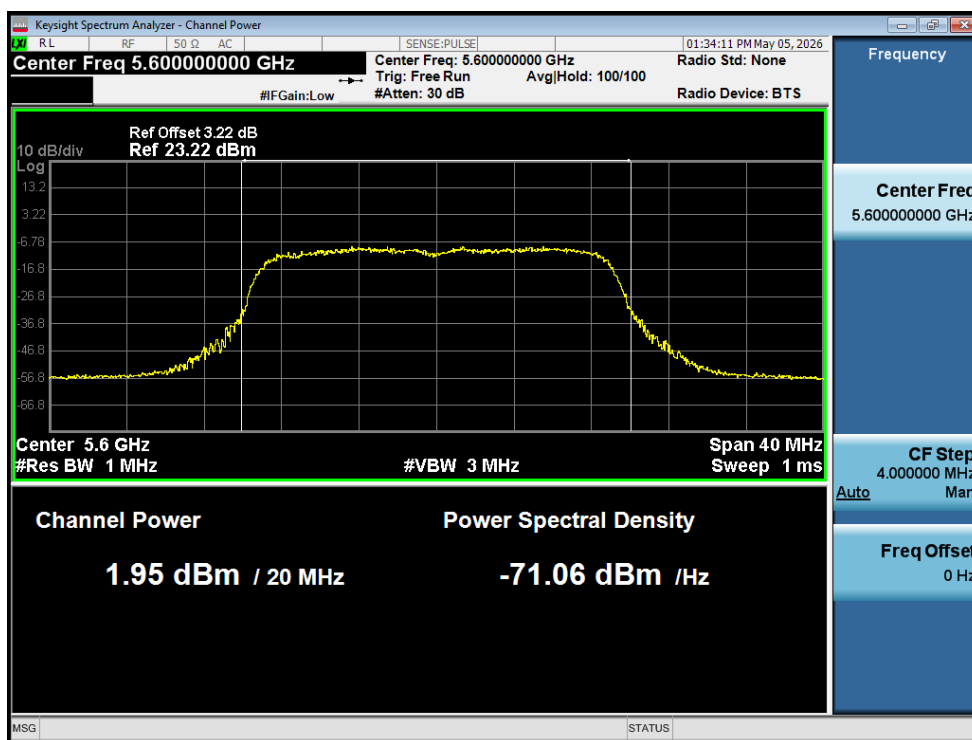
Power NVNT a 5600MHz Ant1



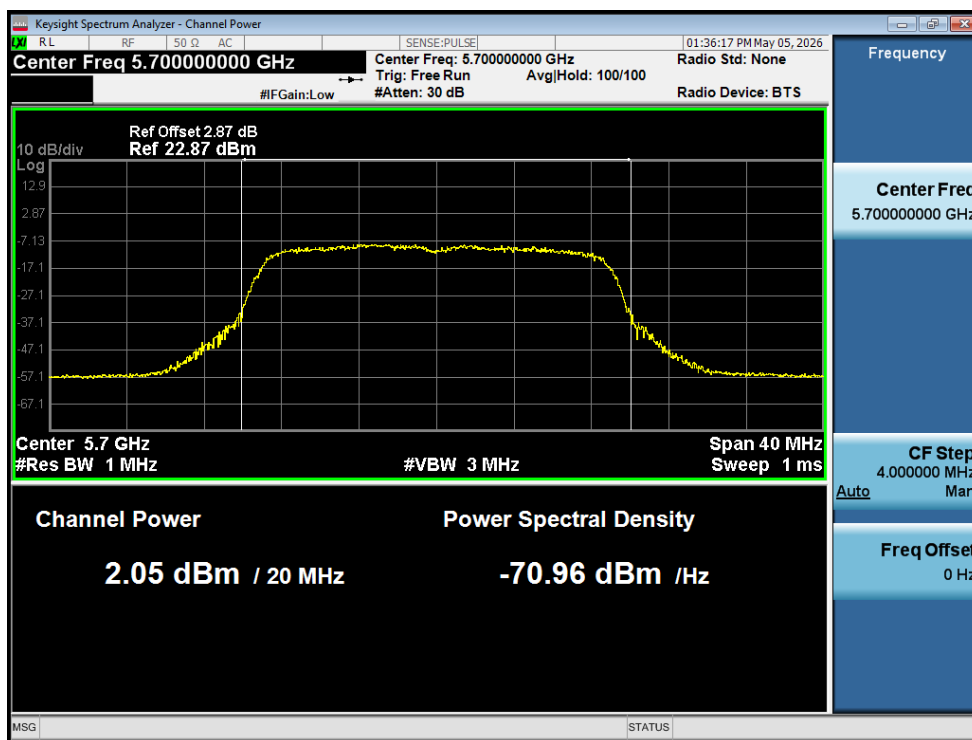
Power NVNT a 5700MHz Ant1



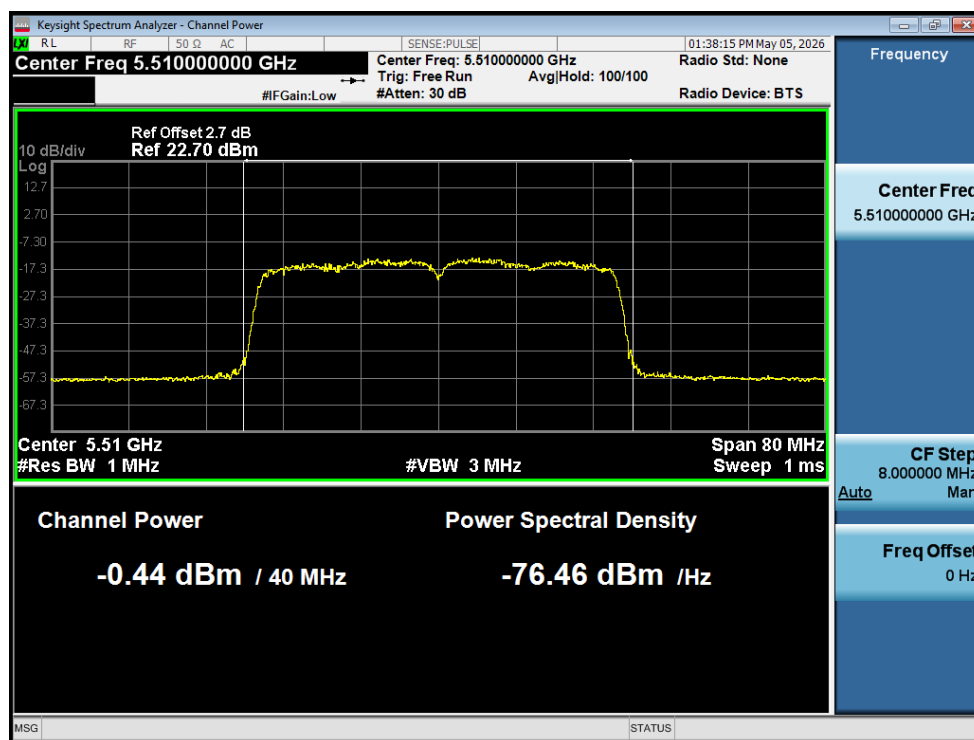
Power NVNT n20 5500MHz Ant1



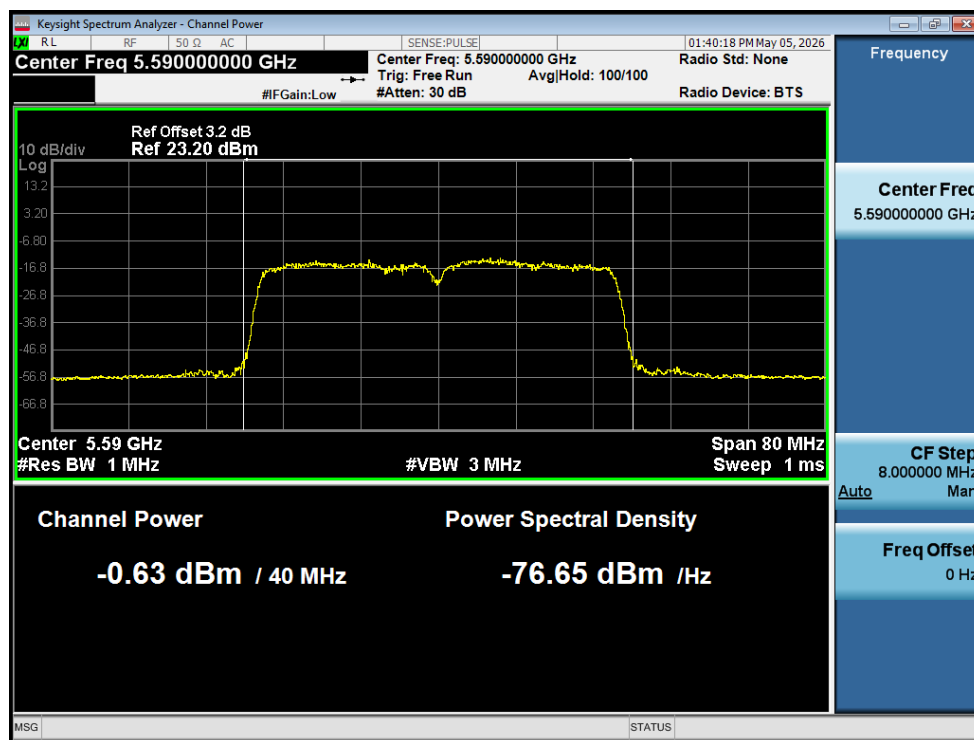
Power NVNT n20 5600MHz Ant1



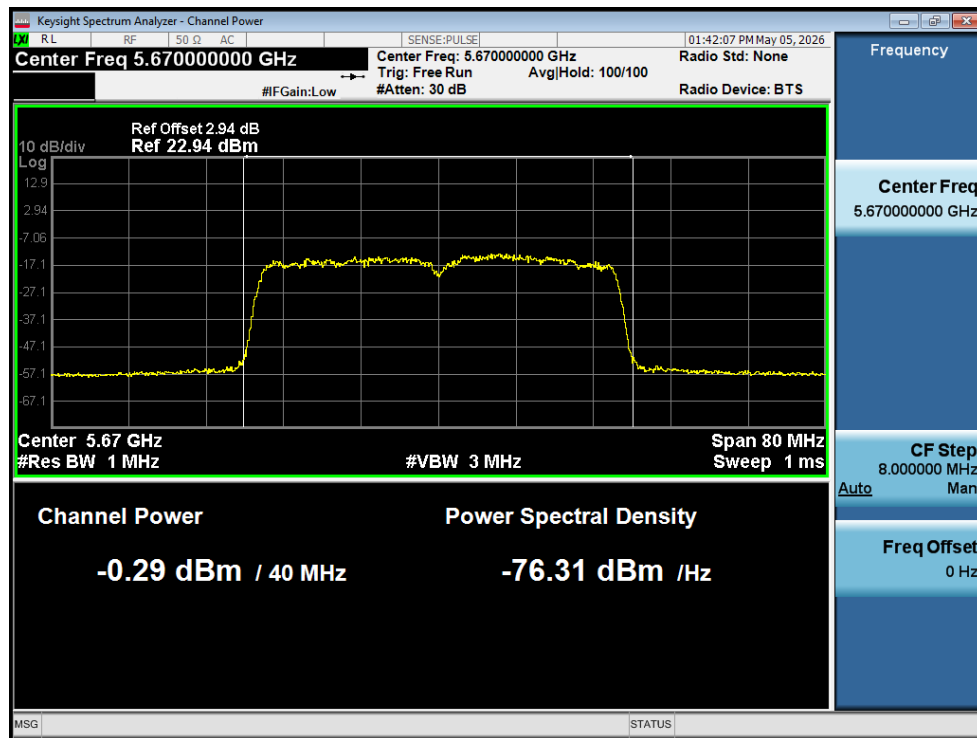
Power NVNT n20 5700MHz Ant1



Power NVNT n40 5510MHz Ant1



Power NVNT n40 5590MHz Ant1



Power NVNT n40 5670MHz Ant1

3. -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	19.385	Pass
NVNT	a	5600	Ant1	19.206	Pass
NVNT	a	5700	Ant1	19.331	Pass
NVNT	n20	5500	Ant1	21.024	Pass
NVNT	n20	5600	Ant1	20.857	Pass
NVNT	n20	5700	Ant1	20.642	Pass
NVNT	n40	5510	Ant1	38.867	Pass
NVNT	n40	5590	Ant1	39.078	Pass
NVNT	n40	5670	Ant1	39.032	Pass



-26dB Bandwidth NVNT a 5500MHz Ant1



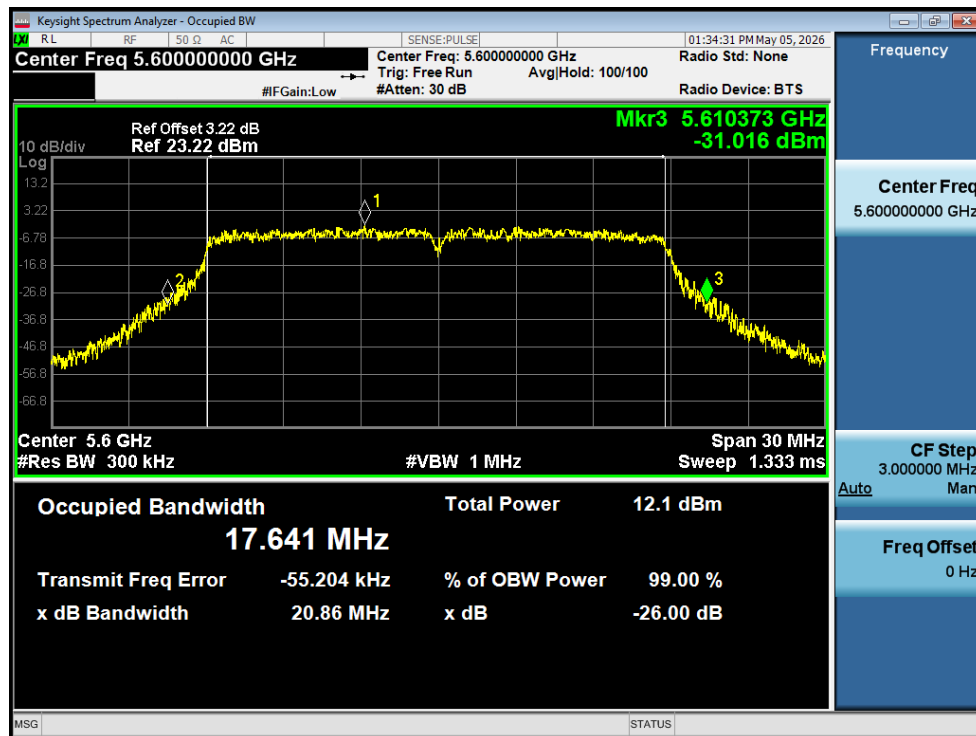
-26dB Bandwidth NVNT a 5600MHz Ant1



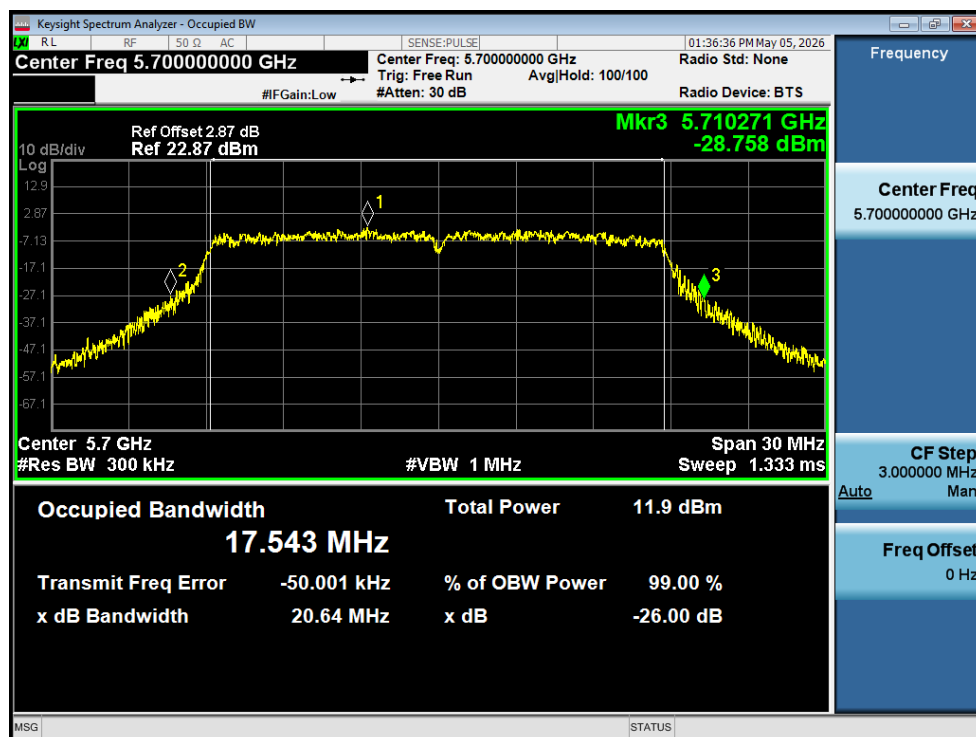
-26dB Bandwidth NVNT a 5700MHz Ant1



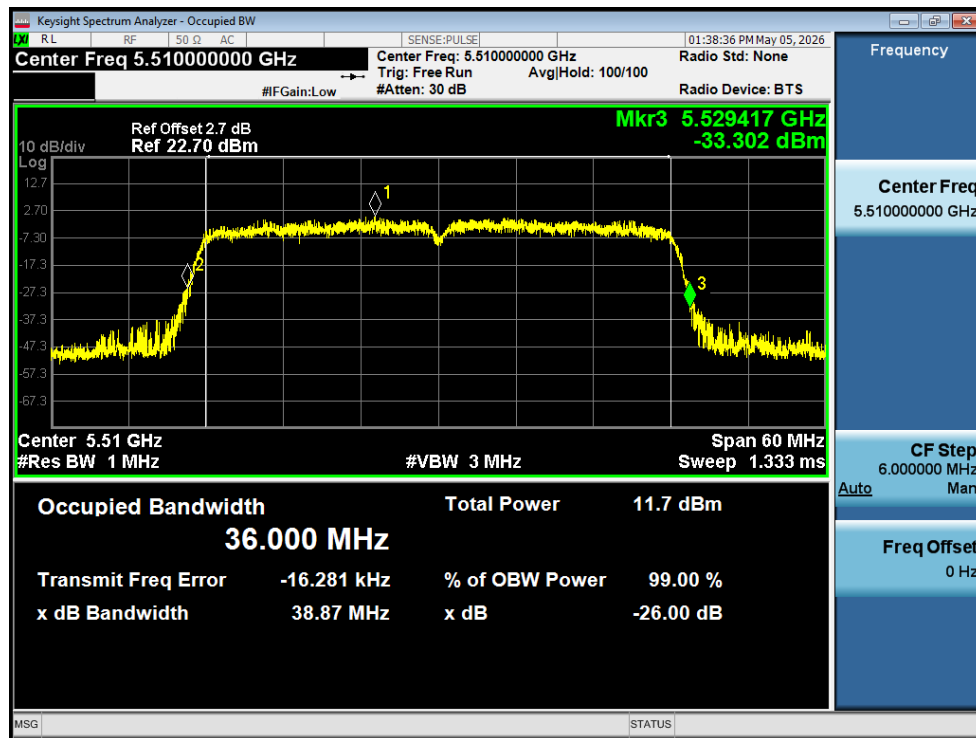
-26dB Bandwidth NVNT n20 5500MHz Ant1



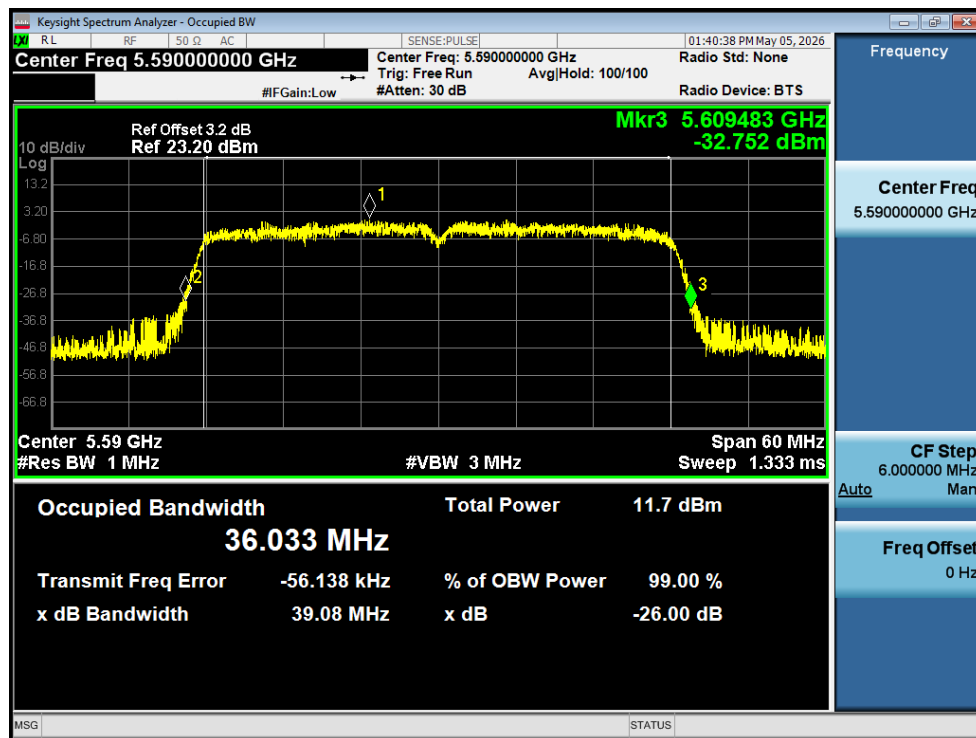
-26dB Bandwidth NVNT n20 5600MHz Ant1



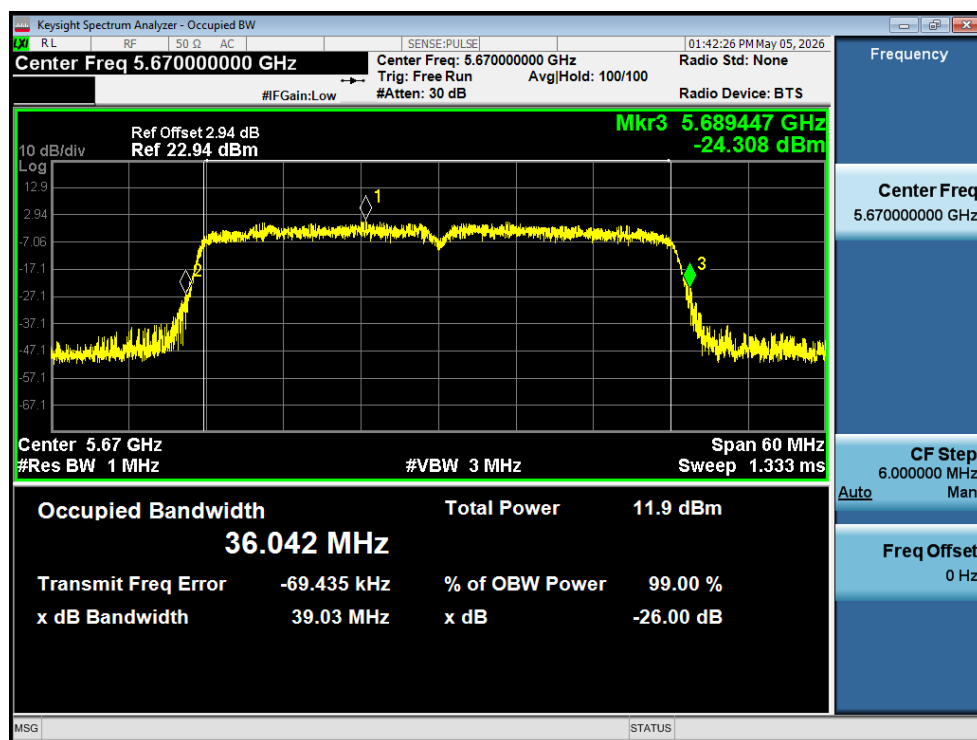
-26dB Bandwidth NVNT n20 5700MHz Ant1



-26dB Bandwidth NVNT n40 5510MHz Ant1



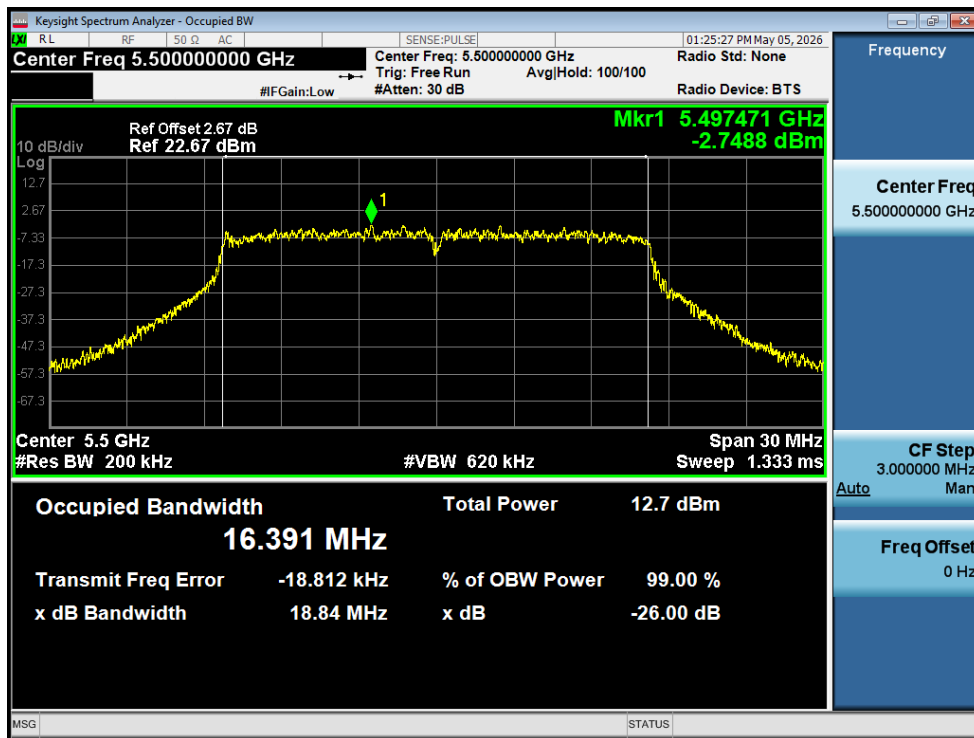
-26dB Bandwidth NVNT n40 5590MHz Ant1



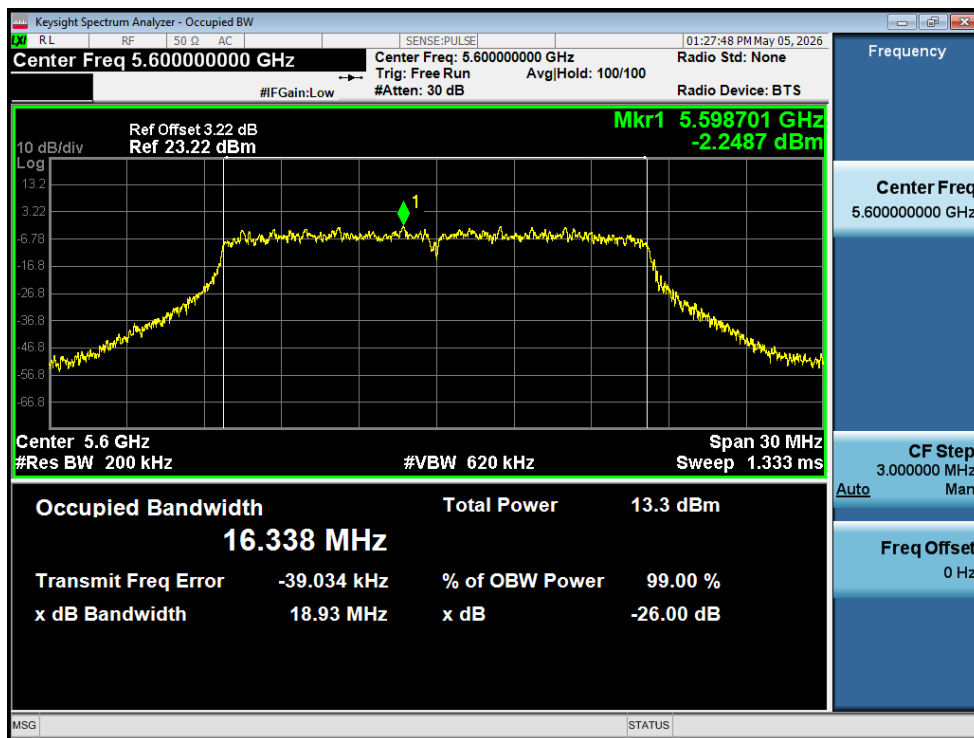
-26dB Bandwidth NVNT n40 5670MHz Ant1

4. Occupied Channel Bandwidth

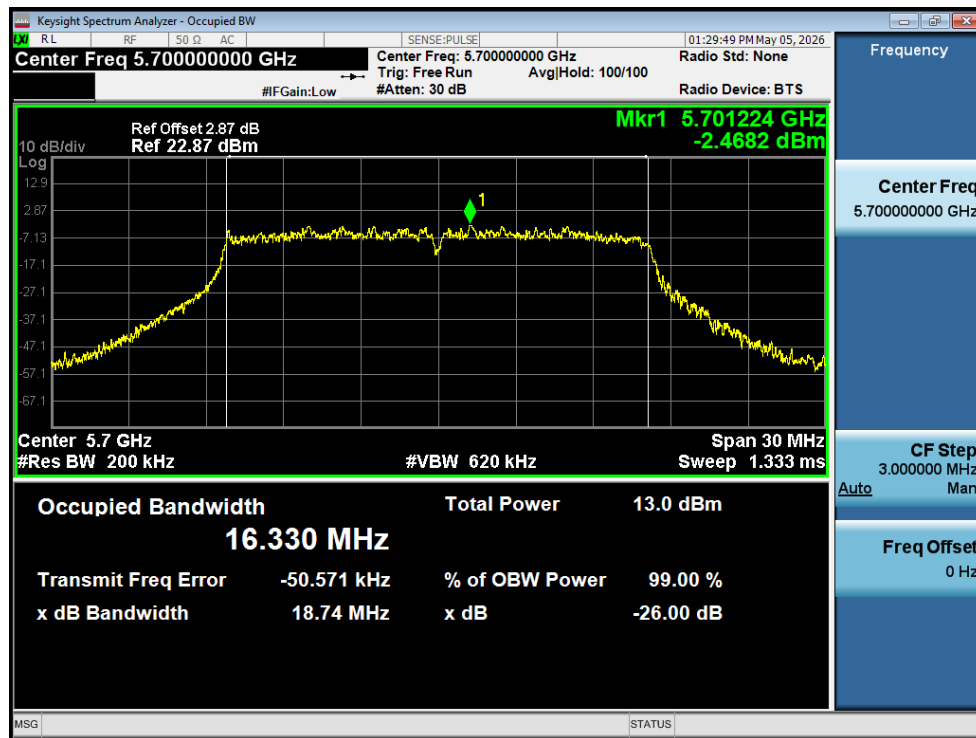
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.391
NVNT	a	5600	Ant1	16.338
NVNT	a	5700	Ant1	16.33
NVNT	n20	5500	Ant1	17.565
NVNT	n20	5600	Ant1	17.59
NVNT	n20	5700	Ant1	17.571
NVNT	n40	5510	Ant1	35.829
NVNT	n40	5590	Ant1	35.86
NVNT	n40	5670	Ant1	35.832



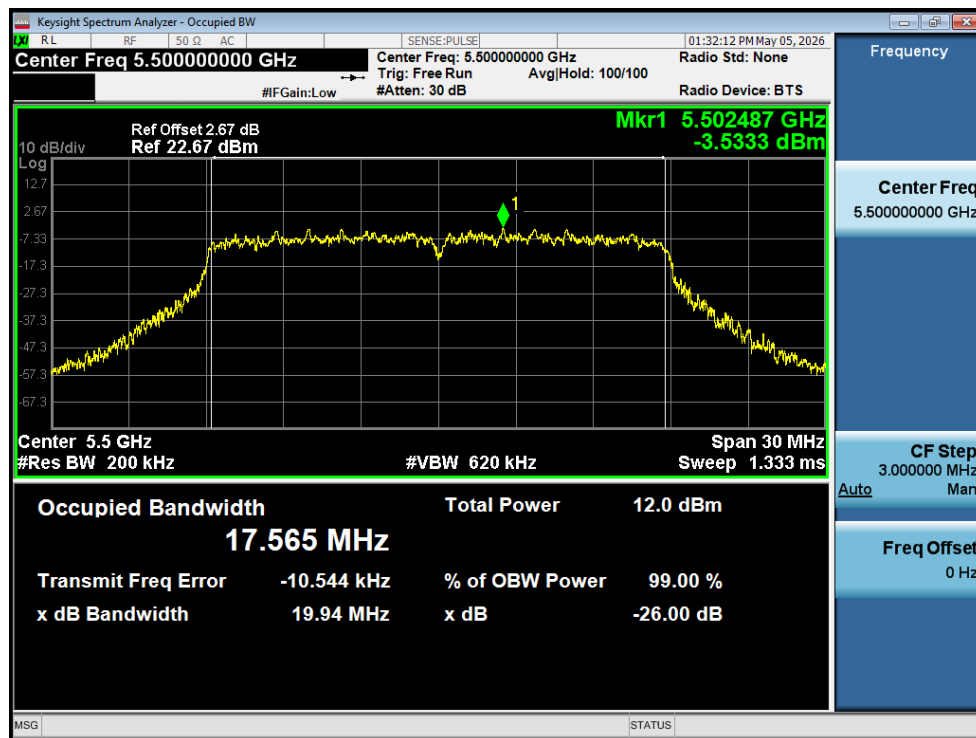
OBW NVNT a 5500MHz Ant1



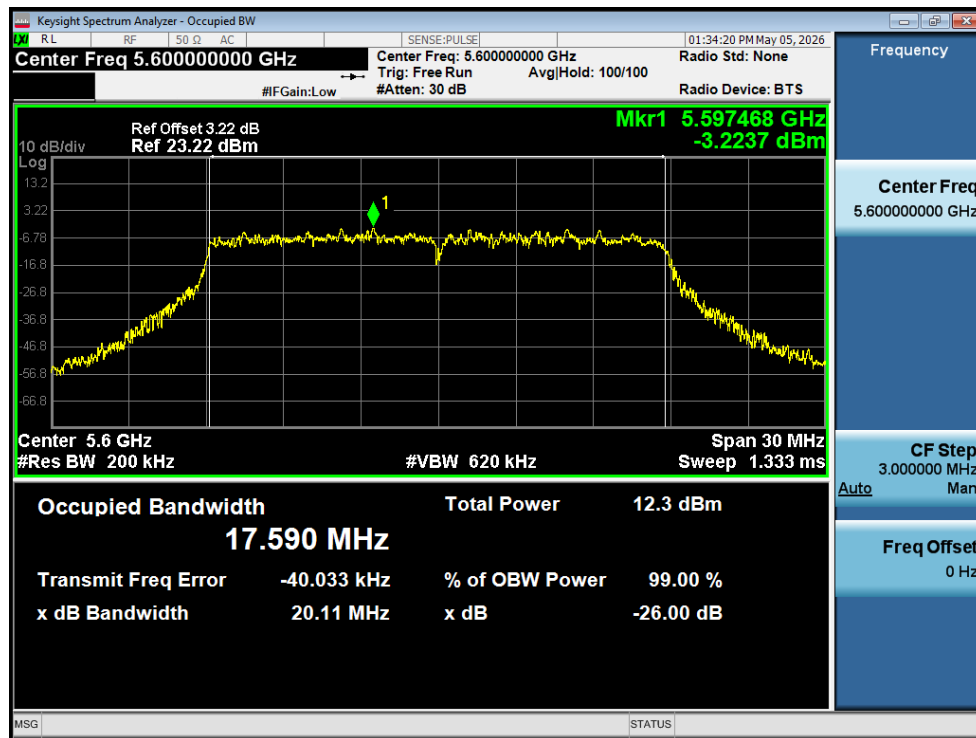
OBW NVNT a 5600MHz Ant1



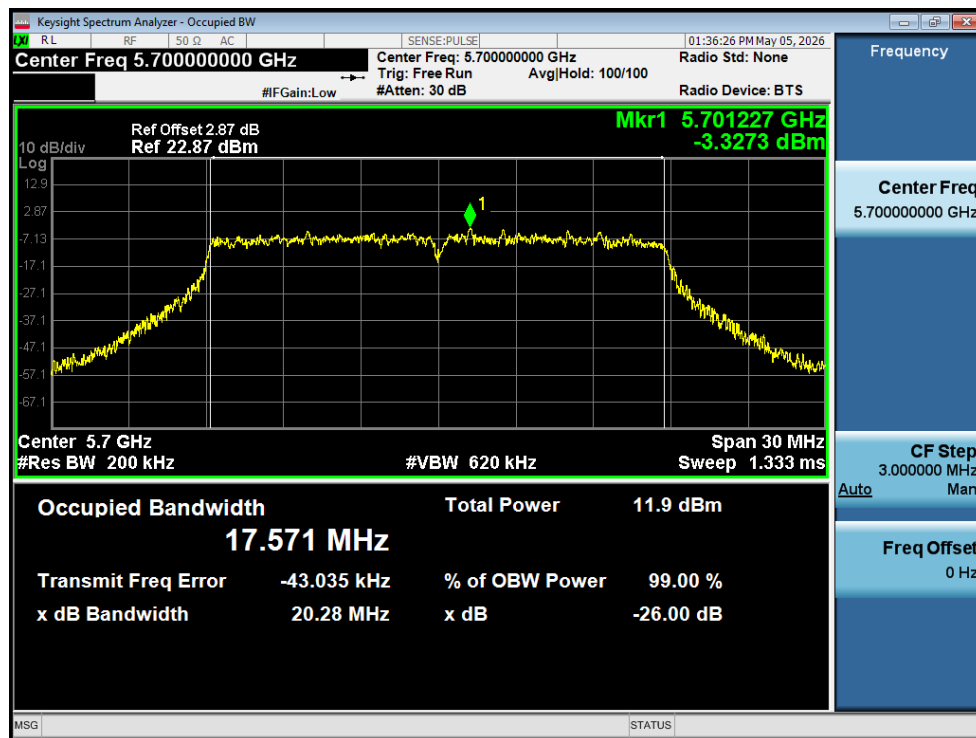
OBW NVNT a 5700MHz Ant1



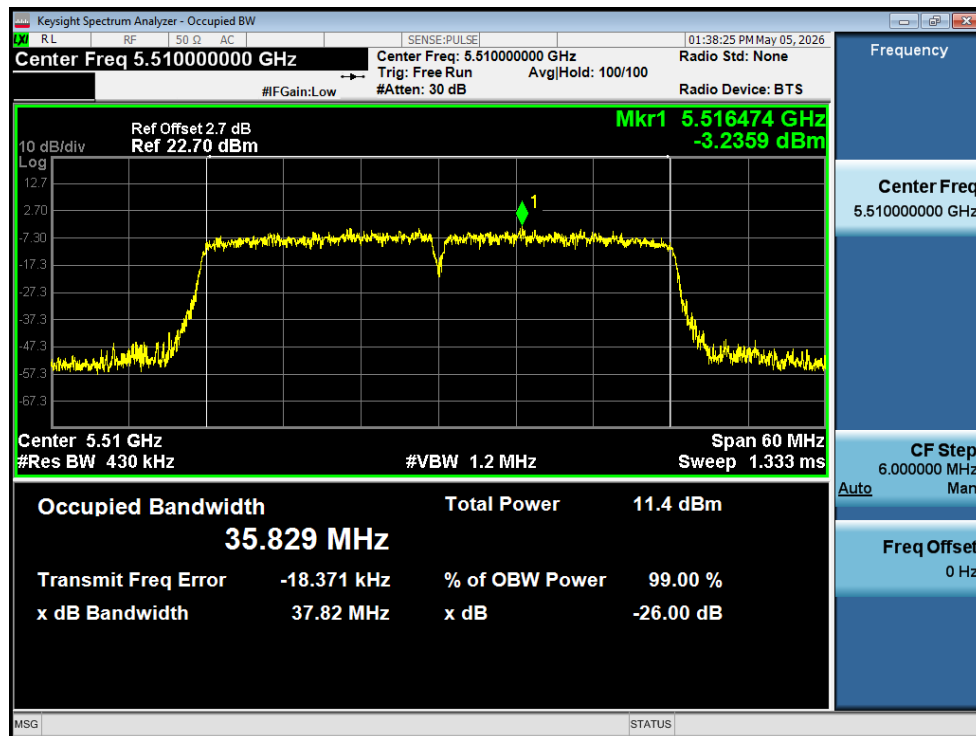
OBW NVNT n20 5500MHz Ant1



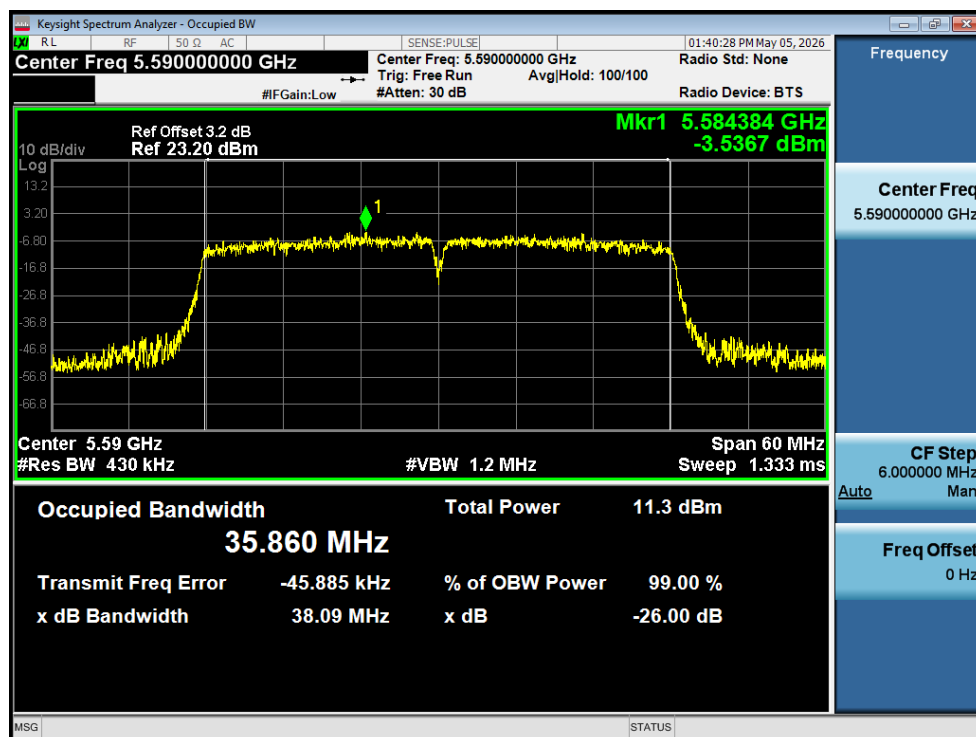
OBW NVNT n20 5600MHz Ant1



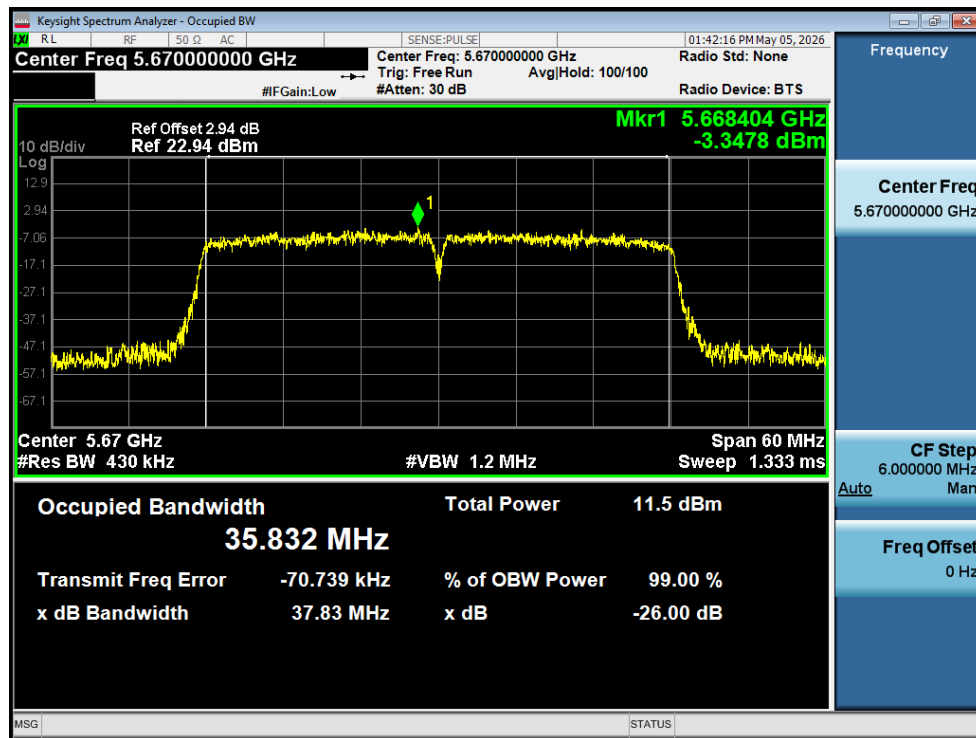
OBW NVNT n20 5700MHz Ant1



OBW NVNT n40 5510MHz Ant1



OBW NVNT n40 5590MHz Ant1



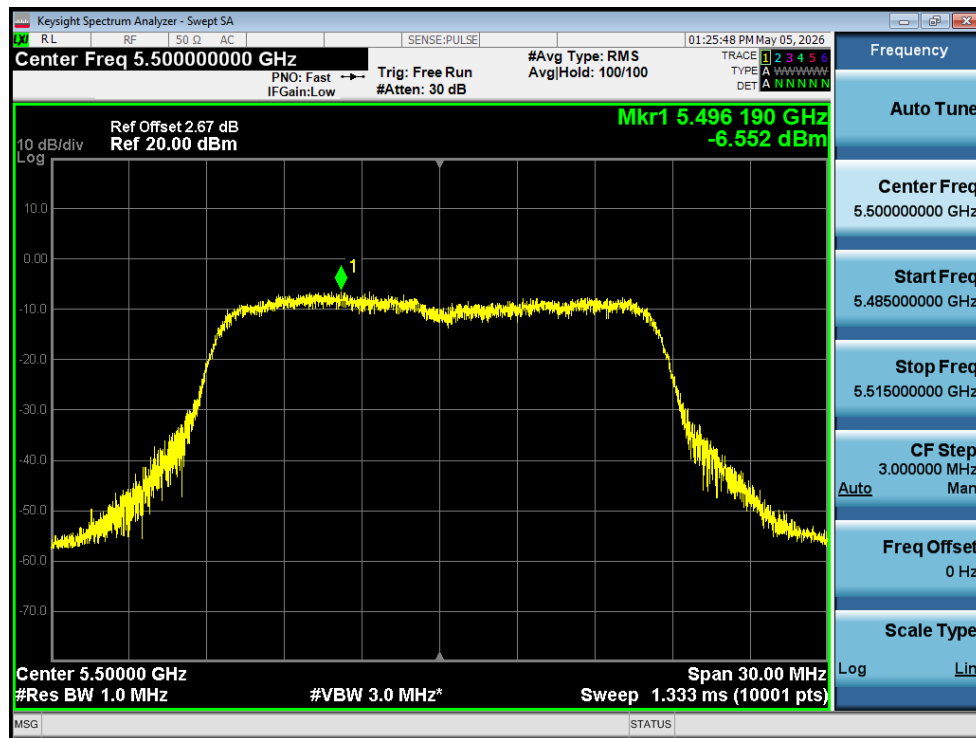
OBW NVNT n40 5670MHz Ant1

5. Maximum Power Spectral Density Level

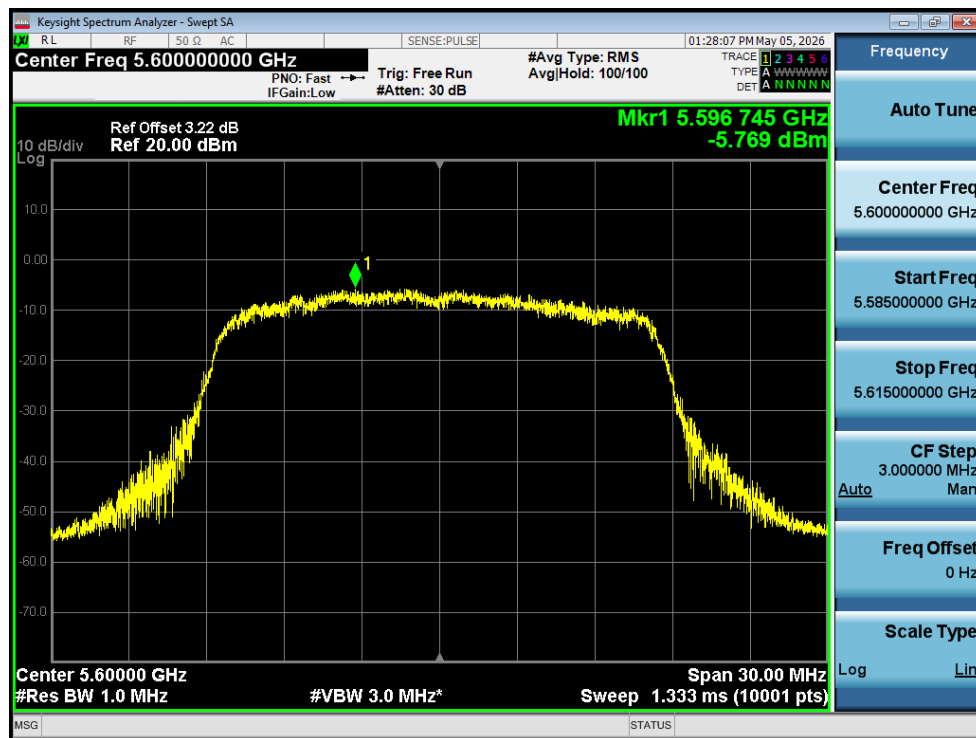
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-6.55	4.84	-1.71	11	Pass
NVNT	a	5600	Ant1	-5.77	4.85	-0.92	11	Pass
NVNT	a	5700	Ant1	-6.02	4.85	-1.17	11	Pass
NVNT	n20	5500	Ant1	-7.76	5.11	-2.65	11	Pass
NVNT	n20	5600	Ant1	-7.97	5.11	-2.86	11	Pass
NVNT	n20	5700	Ant1	-7.34	5.09	-2.25	11	Pass
NVNT	n40	5510	Ant1	-11.51	6.92	-4.59	11	Pass
NVNT	n40	5590	Ant1	-12.1	6.92	-5.18	11	Pass
NVNT	n40	5670	Ant1	-12.41	6.92	-5.49	11	Pass

Note 1: Total PSD=Conducted PSD + Duty factor

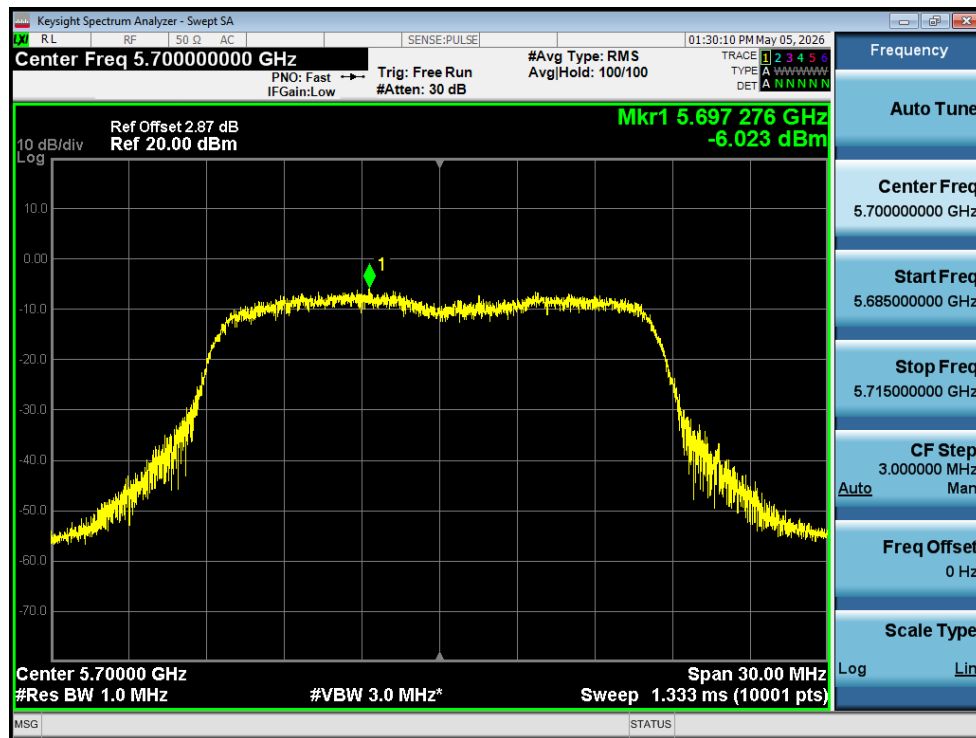
Note 2: Antenna Gain: 3.91dBi



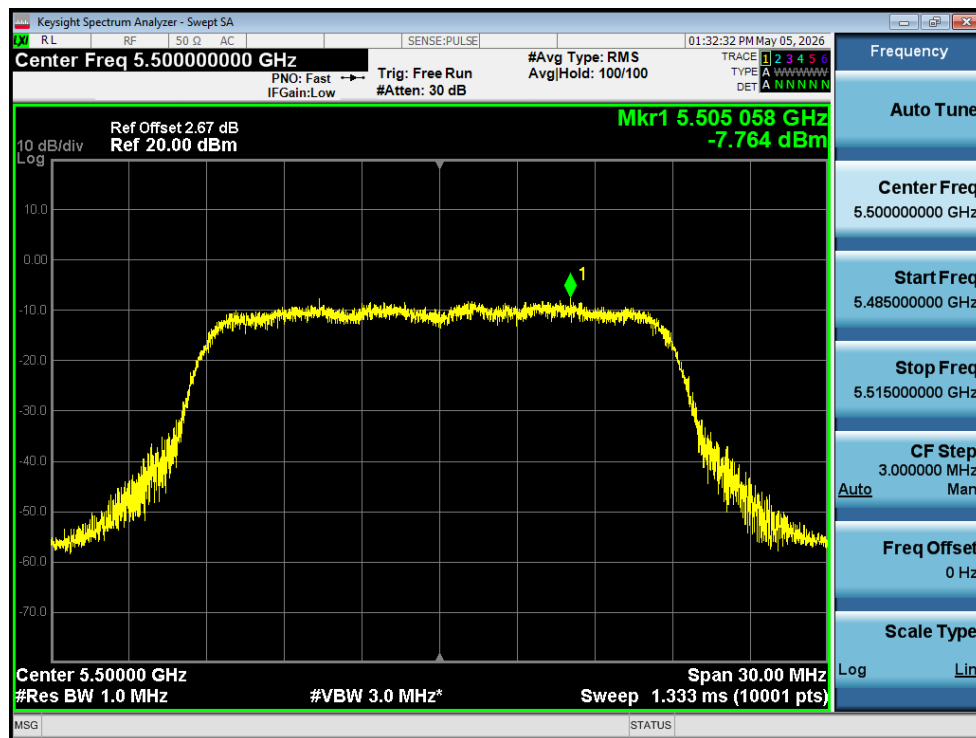
PSD NVNT a 5500MHz Ant1



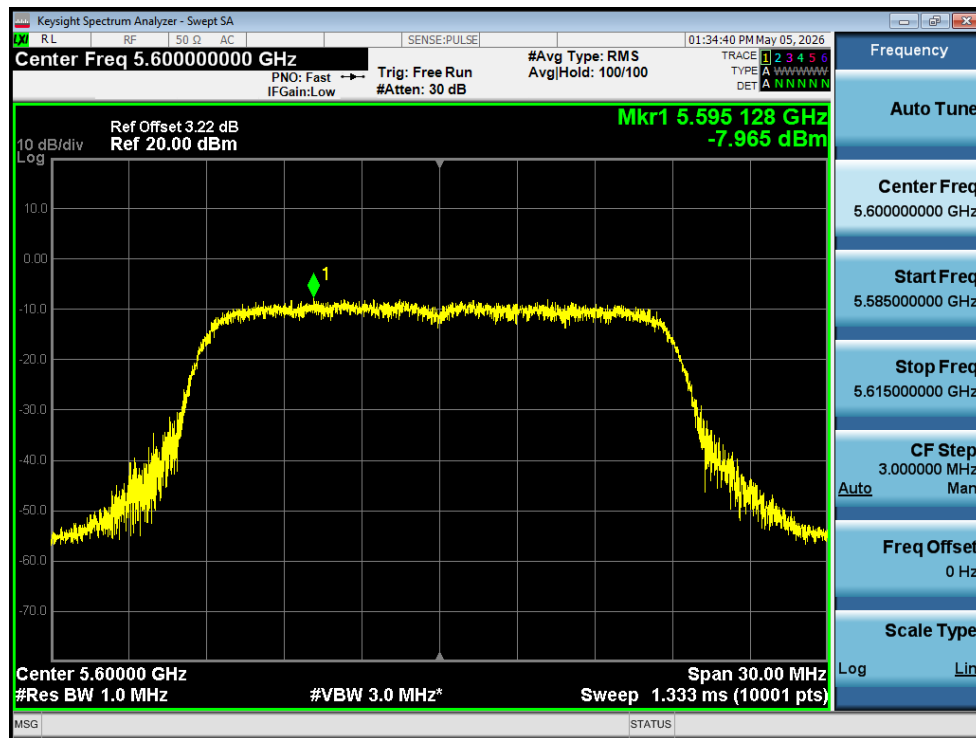
PSD NVNT a 5600MHz Ant1



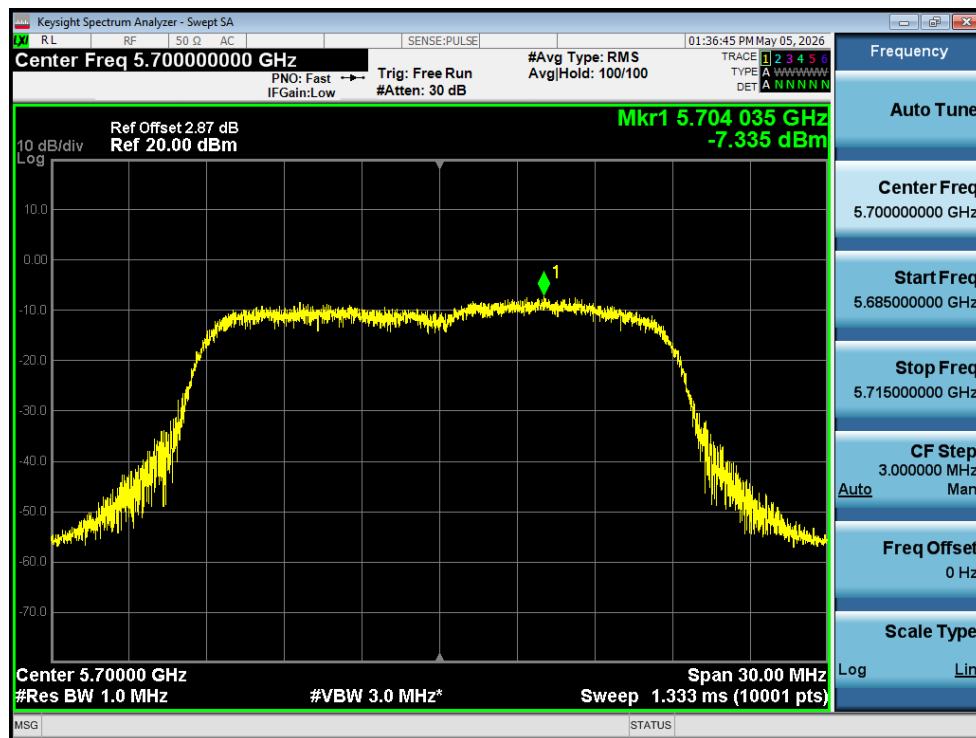
PSD NVNT a 5700MHz Ant1



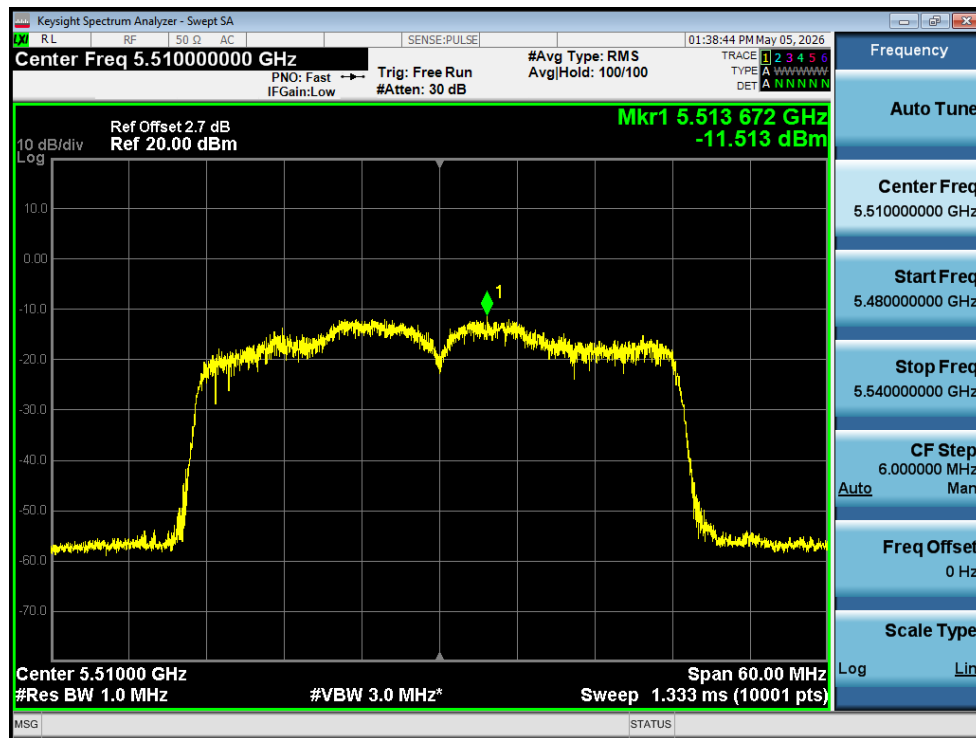
PSD NVNT n20 5500MHz Ant1



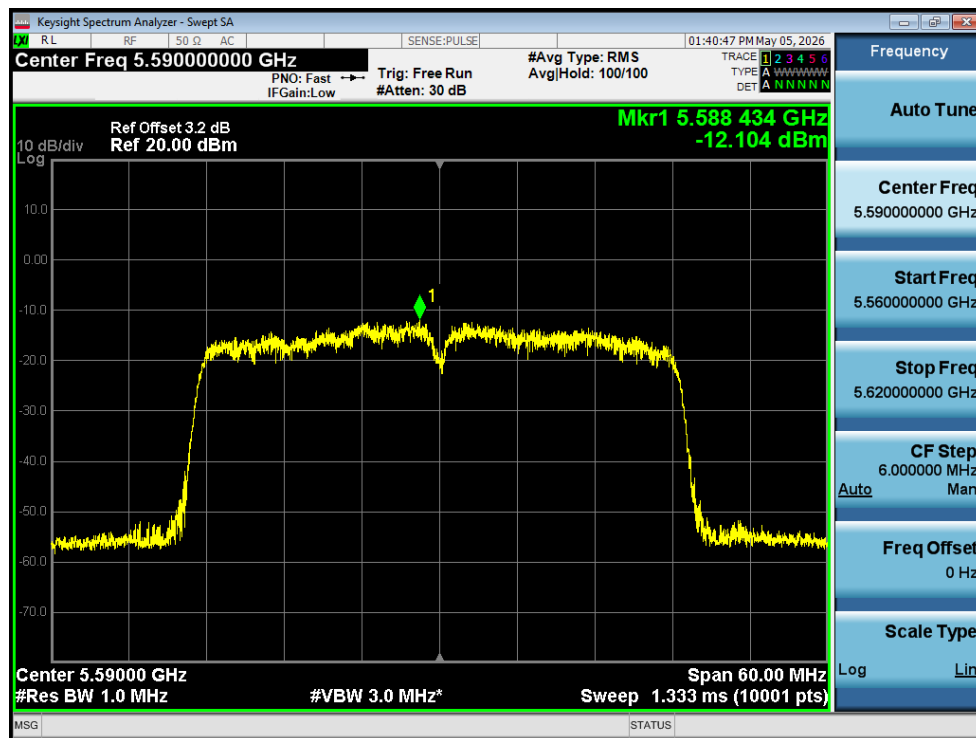
PSD NVNT n20 5600MHz Ant1



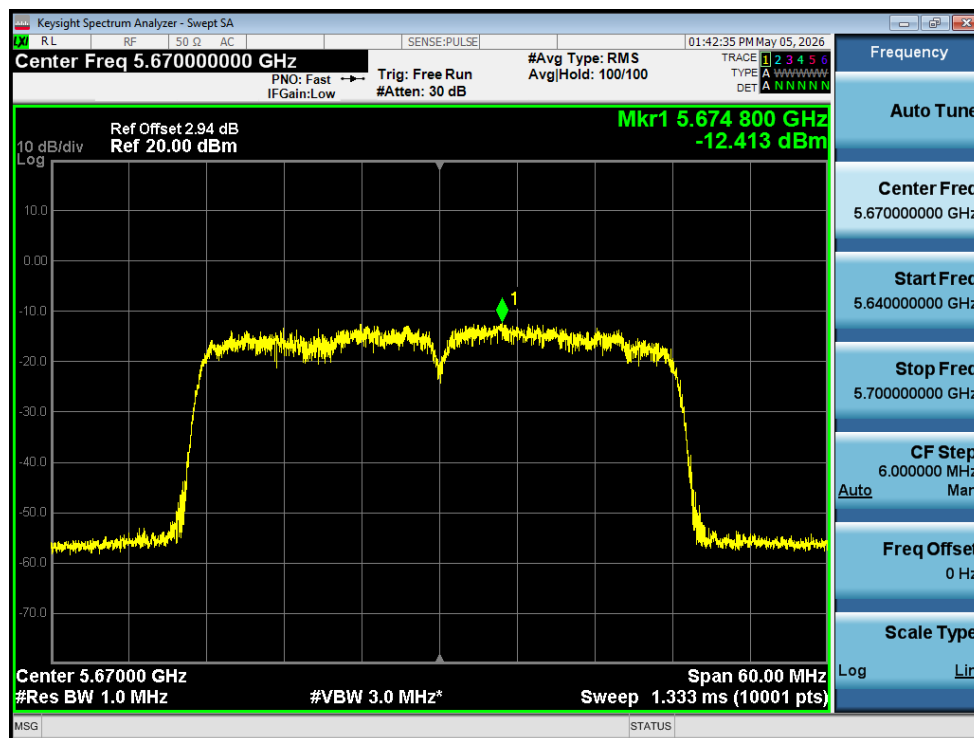
PSD NVNT n20 5700MHz Ant1



PSD NVNT n40 5510MHz Ant1



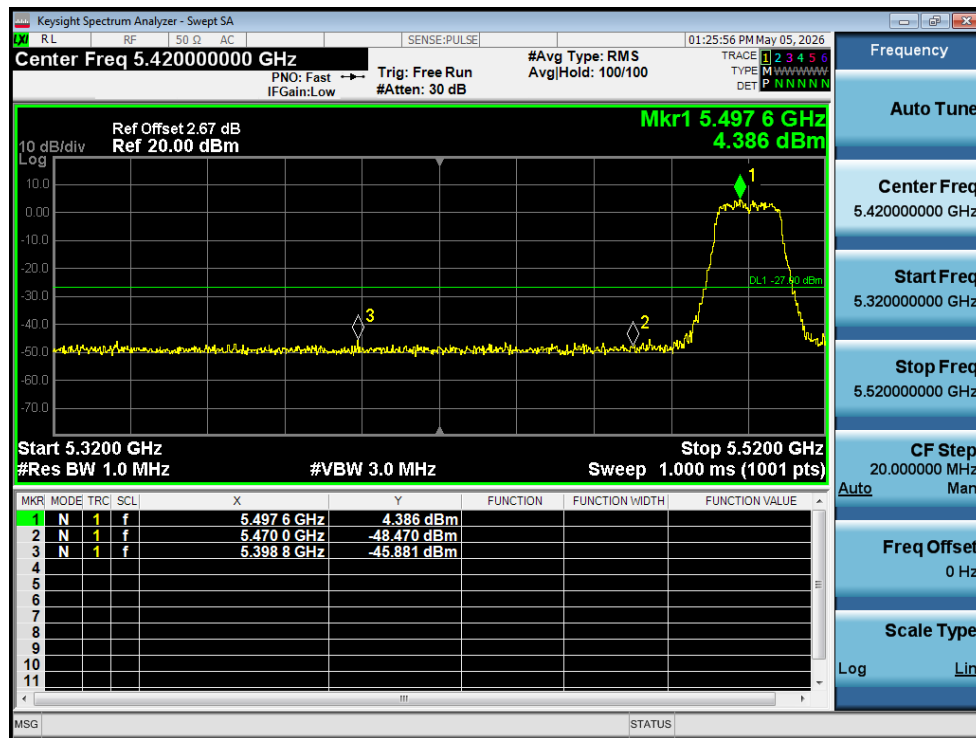
PSD NVNT n40 5590MHz Ant1



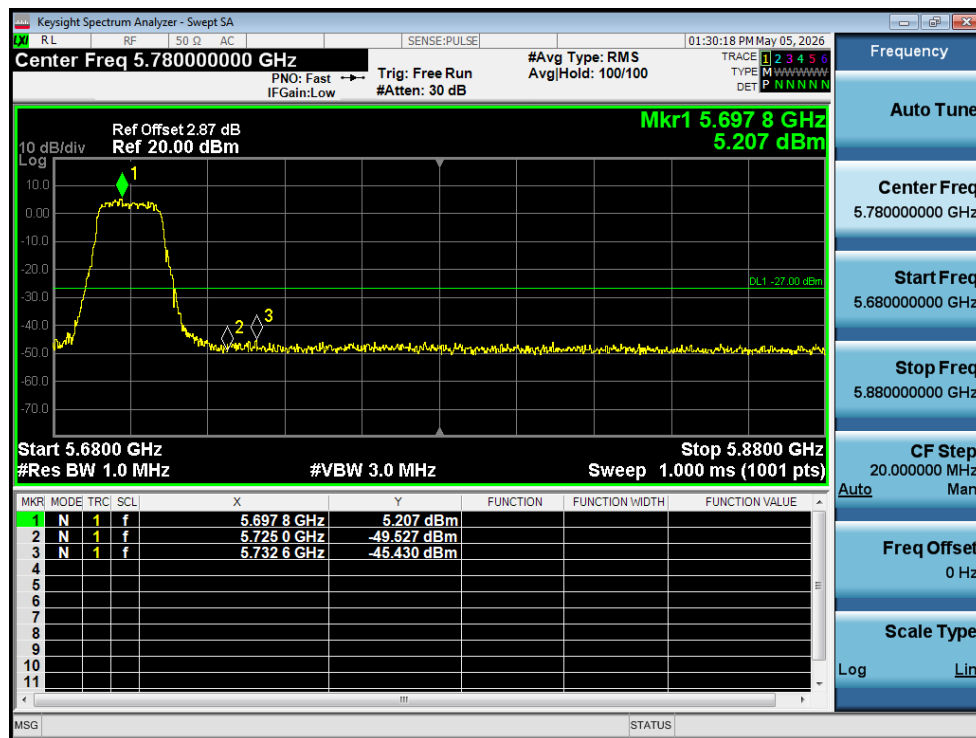
PSD NVNT n40 5670MHz Ant1

6. Band Edge

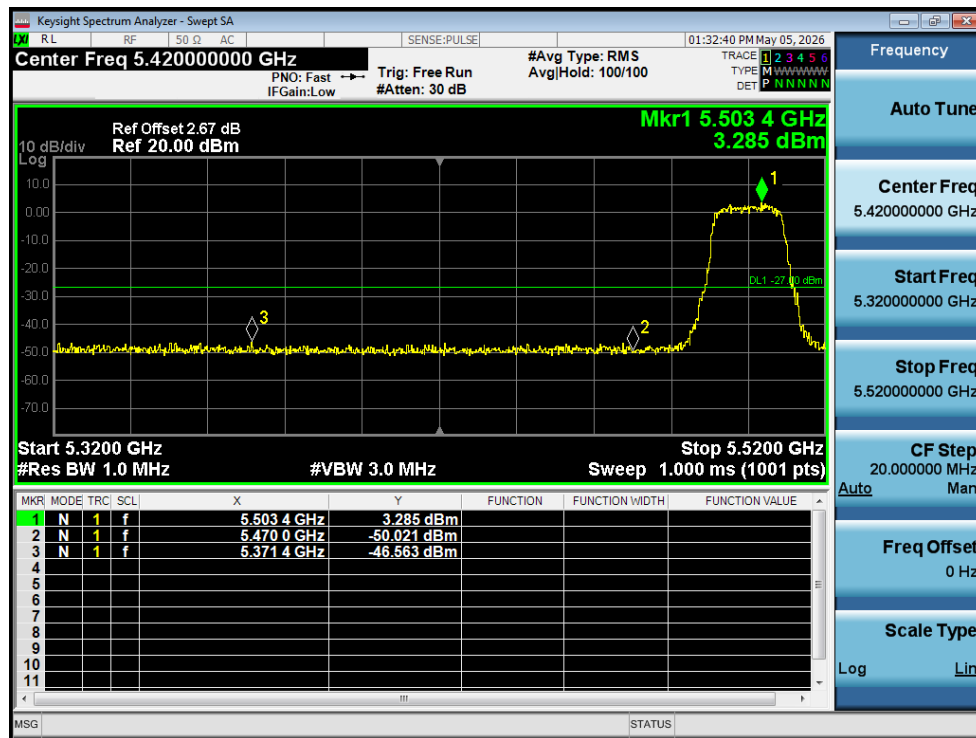
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-45.88	-27	Pass
NVNT	a	5700	Ant1	-45.43	-27	Pass
NVNT	n20	5500	Ant1	-46.56	-27	Pass
NVNT	n20	5700	Ant1	-45.74	-27	Pass
NVNT	n40	5510	Ant1	-46.78	-27	Pass
NVNT	n40	5670	Ant1	-45.73	-27	Pass



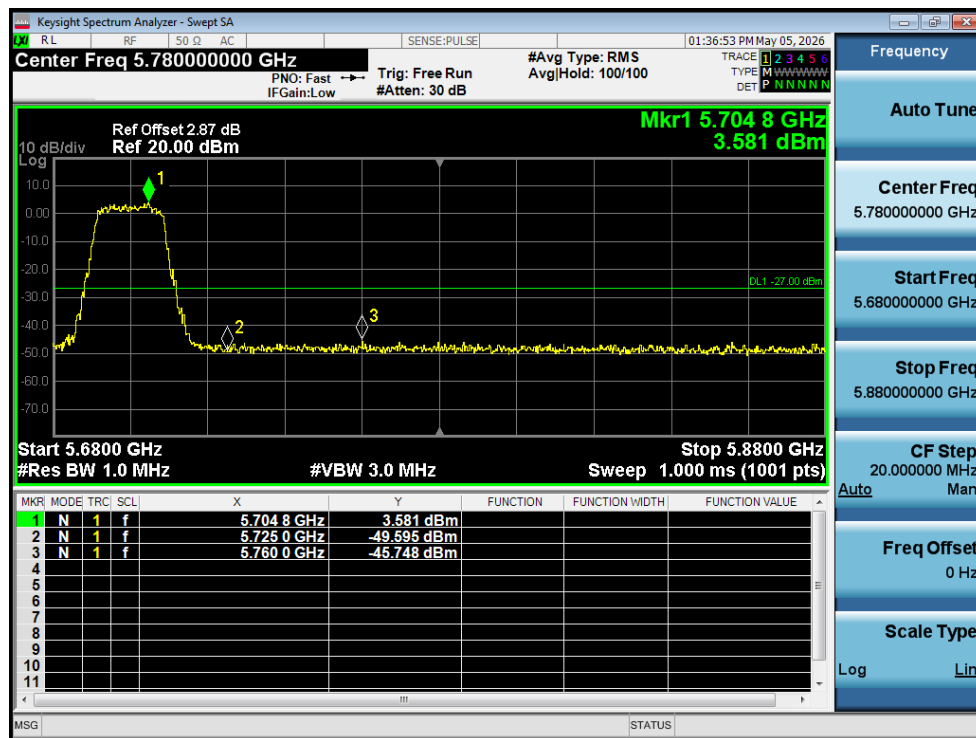
Band Edge NVNT a 5500MHz Low Ant1



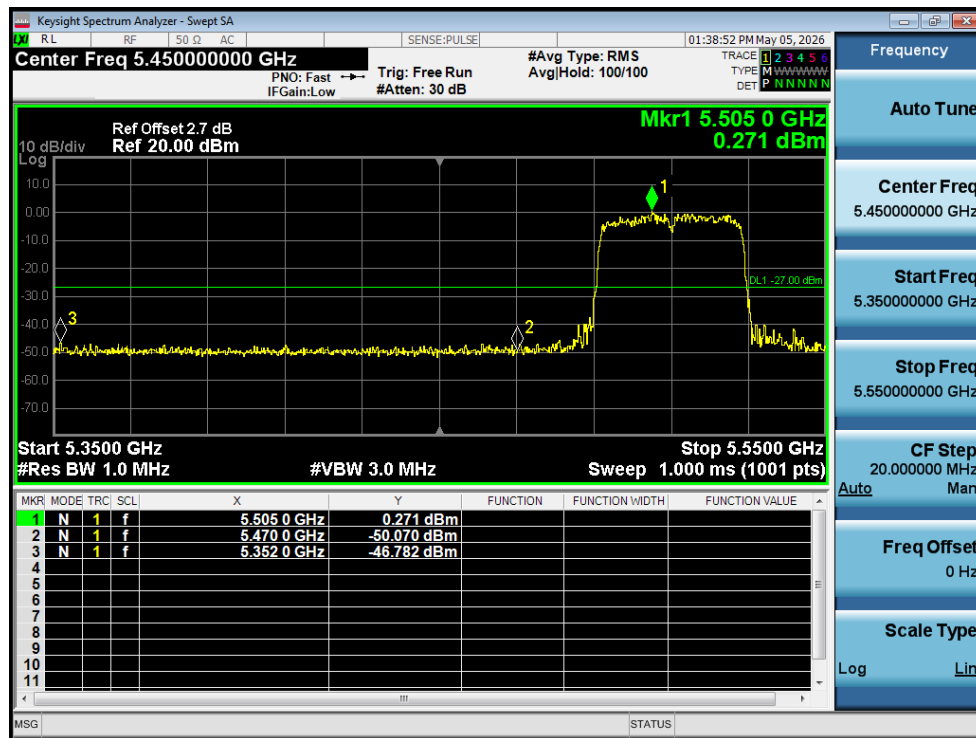
Band Edge NVNT a 5700MHz High Ant1



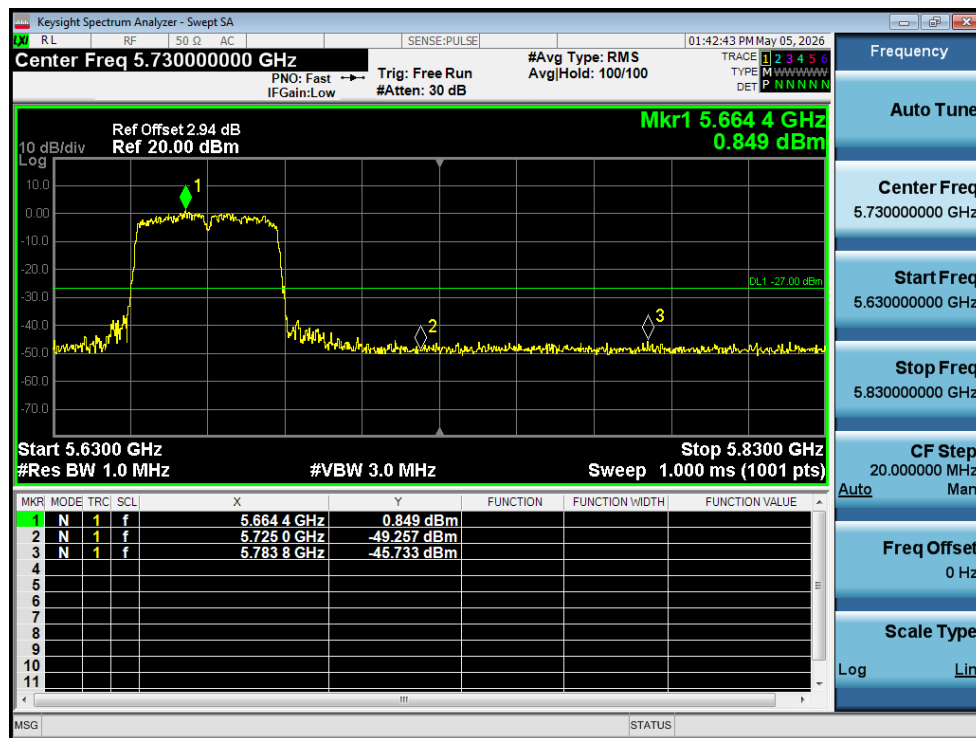
Band Edge NVNT n20 5500MHz Low Ant1



Band Edge NVNT n20 5700MHz High Ant1



Band Edge NVNT n40 5510MHz Low Ant1

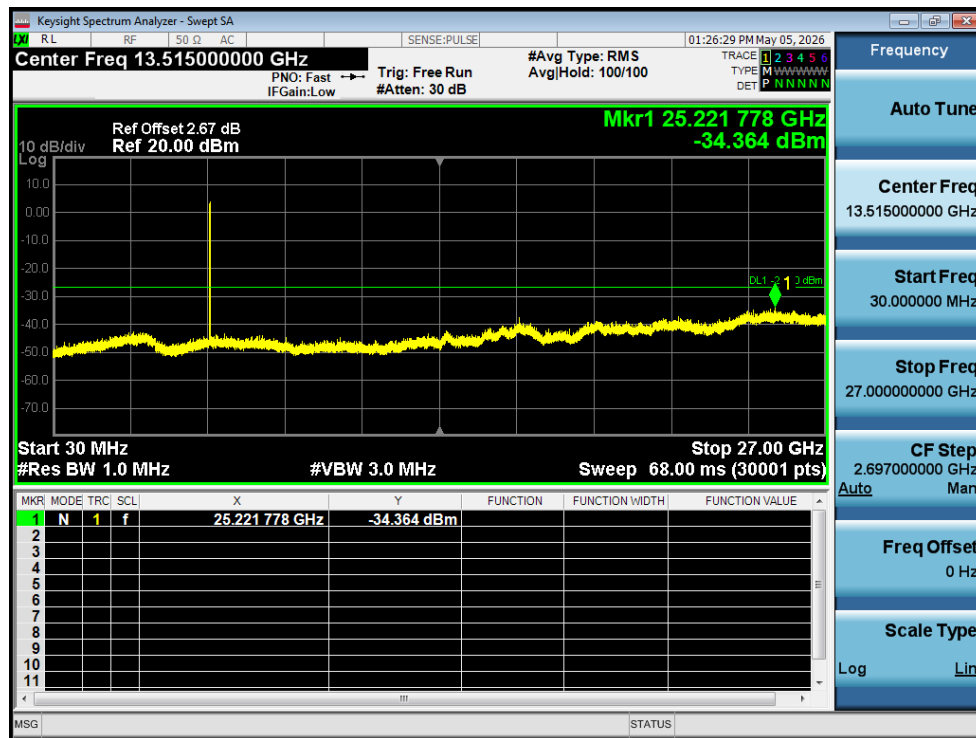


Band Edge NVNT n40 5670MHz High Ant1

7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	Ant1	-34.36	-27	Pass
NVNT	a	5600	Ant1	-33.87	-27	Pass
NVNT	a	5700	Ant1	-34.51	-27	Pass
NVNT	n20	5500	Ant1	-34.66	-27	Pass
NVNT	n20	5600	Ant1	-34.03	-27	Pass
NVNT	n20	5700	Ant1	-34.53	-27	Pass
NVNT	n40	5510	Ant1	-34.67	-27	Pass
NVNT	n40	5590	Ant1	-34.3	-27	Pass
NVNT	n40	5670	Ant1	-33.8	-27	Pass

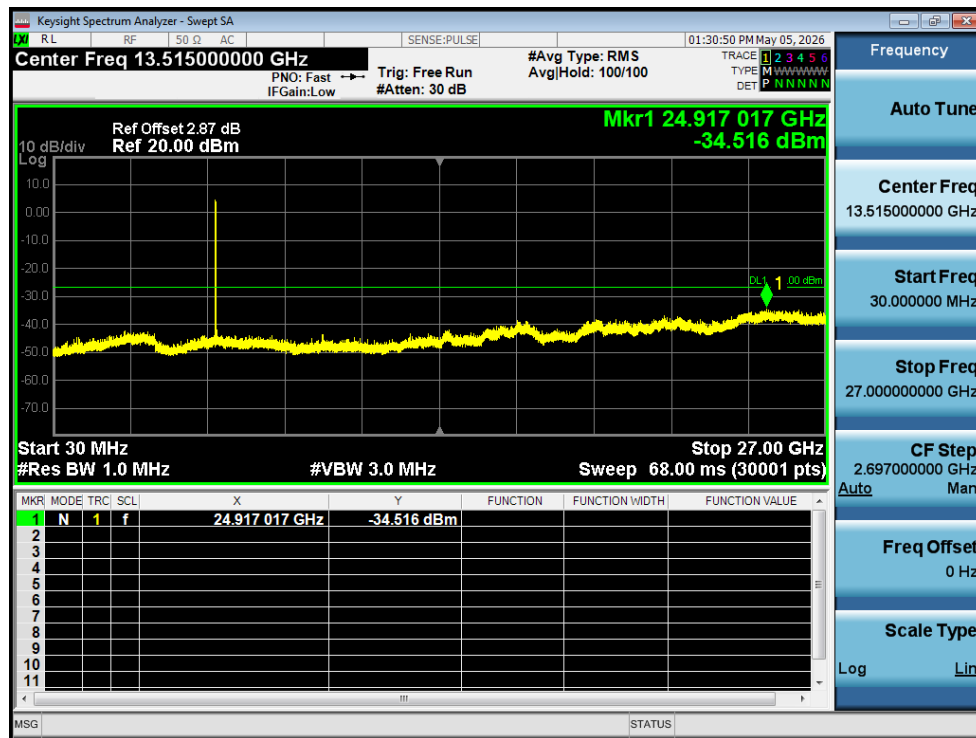
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 20 dB with respect to the limits.



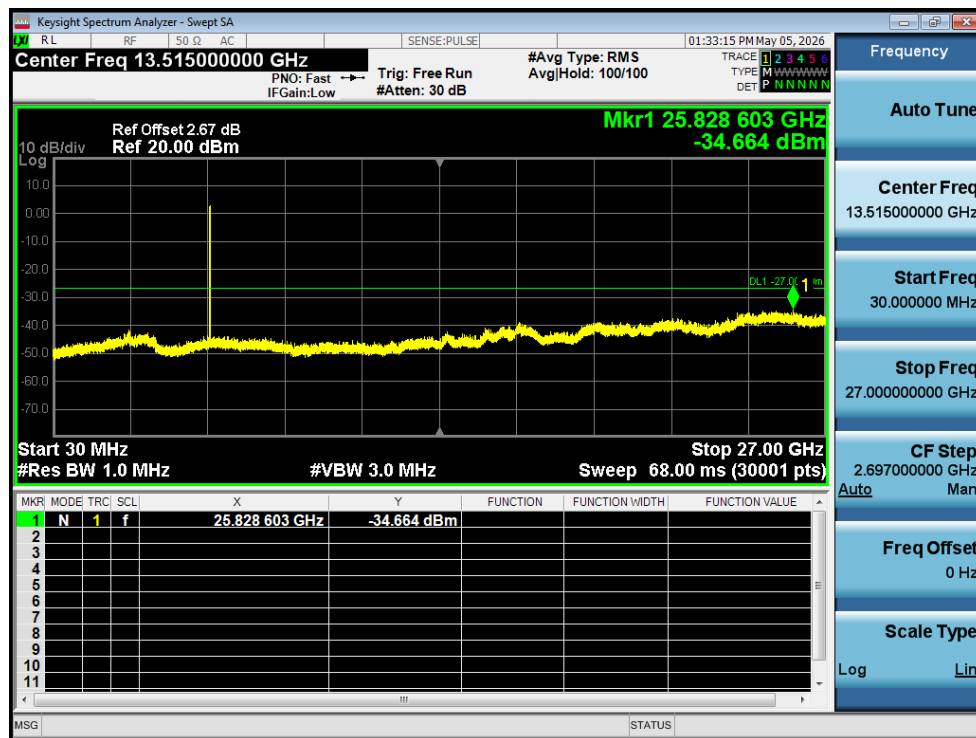
Tx. Spurious NVNT a 5500MHz Ant1 Emission



Tx. Spurious NVNT a 5600MHz Ant1 Emission



Tx. Spurious NVNT a 5700MHz Ant1 Emission



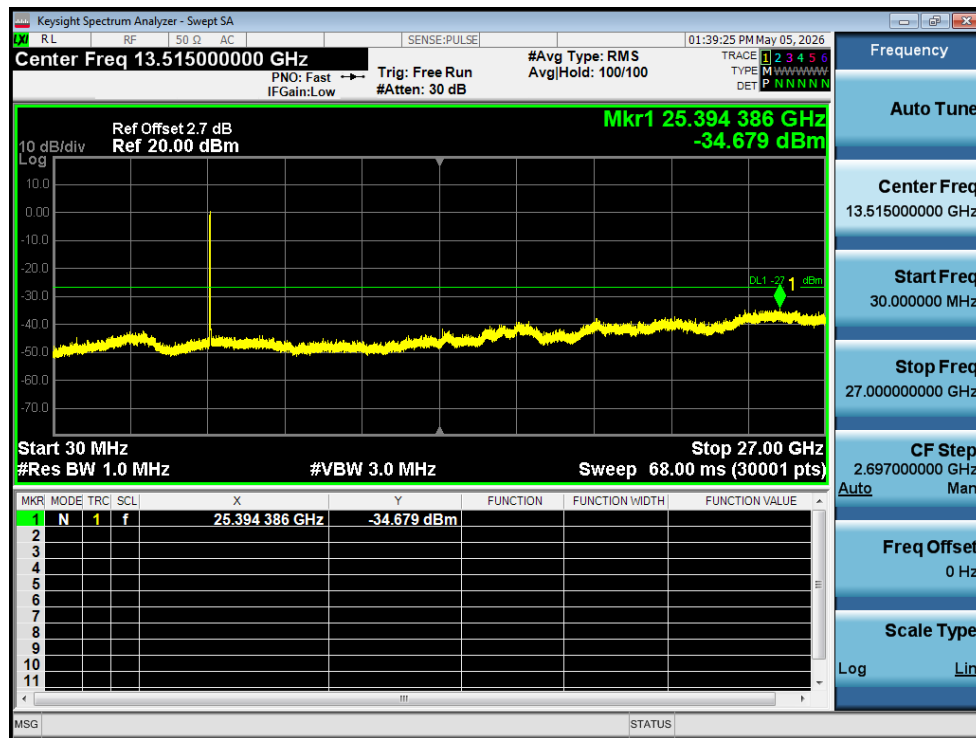
Tx. Spurious NVNT n20 5500MHz Ant1 Emission



Tx. Spurious NVNT n20 5600MHz Ant1 Emission



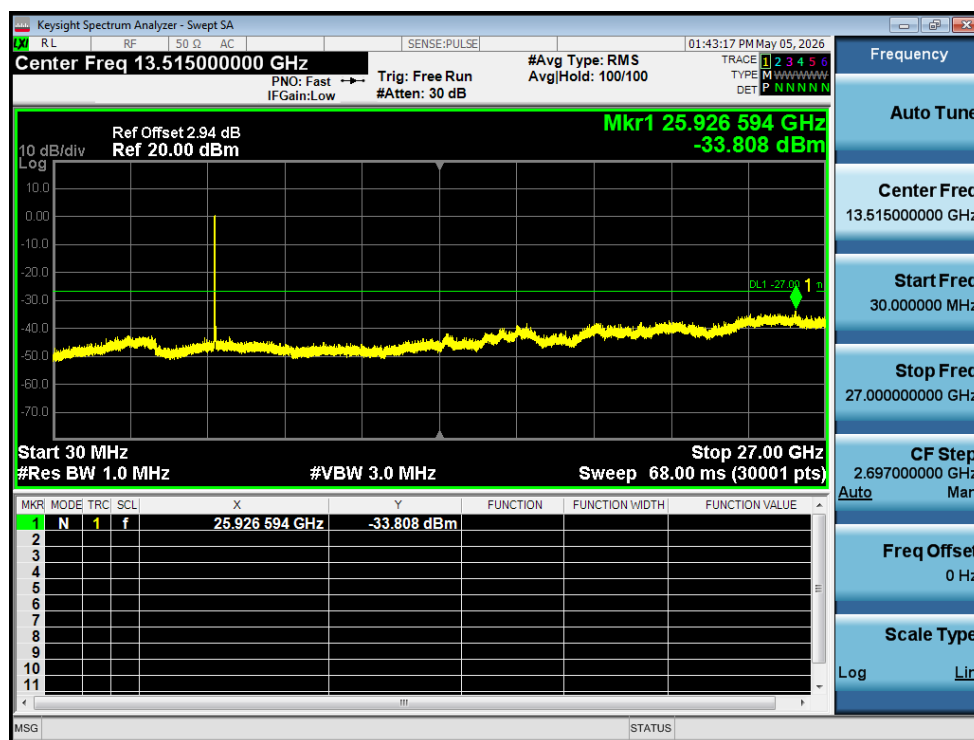
Tx. Spurious NVNT n20 5700MHz Ant1 Emission



Tx. Spurious NVNT n40 5510MHz Ant1 Emission



Tx. Spurious NVNT n40 5590MHz Ant1 Emission



Tx. Spurious NVNT n40 5670MHz Ant1 Emission